nacalai tesque
The quality for certainty.

PRO TECH
波仕特生物科技

日本高品質
細胞培養/WB/IHC

D-PBS 100 g
買一送一
*只要1200元!!



細胞產品特色:

無動物源成分（Animal-Free）
完全不含動物來源，降低批次間差異，符合高標準應用需求。

通過嚴格無菌測試
每一批次皆經過細菌、真菌與黴漿菌的無菌檢測，確保細胞生長的穩定性。

內毒素檢測合格
產品經內毒素測試，有效降低細胞免疫反應，保障實驗與生產品質。

穩定的pH值範圍（ pH 7.1–7.5 ）
提供最適合細胞生長的微環境，維持細胞功能與活性的穩定。

Liquid media

Quality control items: pH, Osmotic pressure, Sterility test, Endotoxin test, Mycoplasma test

■ Composition summary

Media name	Product No.	Glucose	L-Gln	Phenol Red	HEPES	Sodium Pyruvate	Others	Animal-Free*
DMEM	08459	High	○	○	—	—		○
	08458		○	○	—	○		○
	11584		—	○	—	○		○
	08457		○	○	○	—		○
	11585		—	○	○	—		○
	08488		—	○	—	—		○
	08489		—	—	—	—		○
	16971		○	○	—	○	with 1,500 mg/L sodium hydrogen carbonate	○
	16972		—	○	—	—	without calcium	○
DMEM/Ham's F-12	08460	○	○	○	○	○		○
Ham's F-12	17458	○	○	○	—	○		○
MEM	21442	○	○	○	—	—		○
α-MEM	21445	○	○	○	—	○		○
	21444	○	○	○	—	○	with nucleosides	○
RPMI 1640	30264	○	○	○	—	—		○

*Animal-Free: No materials of animal origin are used in the raw materials or manufacturing process.

Liquid media

Product Name	Grade	Storage	Product No.	PKG size
DMEM(4.5g/l Glucose) with L-Gln, without Sodium Pyruvate, liquid	SP (For TC)	R	08459-35	500 mL
DMEM(4.5g/l Glucose) with L-Gln and Sodium Pyruvate, liquid	SP (For TC)	R	08458-45	500 mL
DMEM(4.5g/l Glucose) with Sodium Pyruvate, without L-Gln, liquid	SP (For TC)	R	11584-85	500 mL
DMEM(4.5g/l Glucose) with L-Gln and HEPES, without Sodium Pyruvate, liquid	SP (For TC)	R	08457-55	500 mL
DMEM(4.5g/l Glucose) with HEPES, without L-Gln and Sodium Pyruvate, liquid	SP (For TC)	R	11585-75	500 mL
DMEM(4.5g/l Glucose) without L-Gln and Sodium Pyruvate, liquid	SP (For TC)	R	08488-55	500 mL
DMEM(4.5g/l Glucose) without L-Gln, Sodium Pyruvate and Phenol Red, liquid	SP (For TC)	R	08489-45	500 mL
DMEM(4.5g/l Glucose) with L-Gln, Sodium Pyruvate and 1.5g/l Sodium Hydrogen Carbonate, liquid	SP (For TC)	R	16971-55	500 mL
DMEM(4.5g/l Glucose) Calcium free without L-Gln and Sodium Pyruvate, liquid	SP (For TC)	R	16972-45	500 mL
DMEM/Ham's F-12 with L-Gln, Sodium Pyruvate and HEPES, liquid	SP (For TC)	R	08460-95	500 mL
Ham's F-12 with L-Gln, liquid	SP (For TC)	R	17458-65	500 mL
MEM with Earle's Salts and L-Gln, liquid	SP (For TC)	R	21442-25	500 mL
α -MEM with L-Gln, without Ribonucleosides and Deoxyribonucleosides, liquid	SP (For TC)	R	21445-95	500 mL
α -MEM with L-Gln, Ribonucleosides and Deoxyribonucleosides, liquid	SP (For TC)	R	21444-05	500 mL
RPMI 1640 with L-Gln, liquid	SP (For TC)	R	30264-85	500 mL

Media additives

Product Name	Grade	Storage	Product No.	PKG size	Animal -Free*
200mM-L-Glutamine Stock Solution	SP (for TC)	F	16948-04	100 mL	○
1mol/l-HEPES Buffer Solution	SP (for TC)	R	17557-94	100 mL	○
MEM Non-Essential Amino Acids Solution (100x)	SP (for TC)	R	06344-56	100 mL	○
100mM-Sodium Pyruvate Solution (100x)	SP (for TC)	R	06977-34	100 mL	○

FastPettePro (Labnet/#P2002)

Labnet International, Inc.

- 超省力設計
- LED顯示螢幕，可清楚看到操作模式、電池狀態
- 易更換電池及配件
- 適用體積0.5-100 mL
- 附充電座及壁掛架



優惠價 9300元

快找業務&隱藏版好康等你拿!

Reagents for cell dissociation

Quality control items： pH, Sterility test, Mycoplasma test, Enzyme activity(USP unit)

Product Name	Phenol Red	Buffer	Grade	Storage	Product No.	PKG size
0.5g/l-Trypsin/0.53mmol/l-EDTA Solution, with Phenol Red	○	HBSS (-)	SP (for TC)	F	32778-34	100 mL
2.5g/l-Trypsin/1mmol/l-EDTA Solution, with Phenol Red	○	HBSS (-)	SP (for TC)	F	32777-44	100 mL
2.5g/l-Trypsin Solution	×	HBSS (-)	SP (for TC)	F	35555-54	100 mL
Accutase™	○	PBS (-)	SP (for TC)	F	12679-54	100 mL

Reagents for cell Counting

Product Name	Grade	Storage	Product No.	PKG size
0.5%-Trypan Blue Stain Solution	SP（Reagents for cell cryopreservation	RT	29853-34	100 mL

Antibiotics

Product Name	Composition	Application	Grade	Storage	Product No.	PKG size
Antibiotic-Antimycotic Mixed Stock Solution (100x) (Stabilized)	Penicillin 10,000 u/mL Streptomycin Potency: 10,000 μg/ mL Amphotericin B Potency: 25 μg/mL	Bacteria, Fungi, Yeast	SP (for TC)	F	09366-44	100 mL
Penicillin-Streptomycin Mixed Solution	Penicillin 10,000 u/mL Streptomycin Potency: 10,000 μg/ mL	Bacteria	SP (for TC)	F	26253-84	100 mL
Penicillin-Streptomycin-Glutamine Mixed Solution	Penicillin 10,000 u/mL Streptomycin Potency: 10,000 μg/ mL L-Glutamine 29.2 mg/mL		SP (for TC)	F	06168-34	100 mL

Reagents for cell cryopreservation

Product Name	Grade	Storage	Product No.	PKG size
Dimethyl Sulfoxide	SP (for TC)	RT	13408-64	5 X 5 mL

※ SP Grade: Specially Prepared Reagent (The highest grade of Nacalai reagents）
(Storage) RT: Room temperature, R: Refrigerator, F: Freeze

CryoGen® Tubes

超過10年
國內銷售經驗



優惠價
3800元

可即時供貨
In-stock supply

- CLEARLine ®系列:無人類 DNA, DNase, RNase, Pyrogen, ATP, PCR inhibitors認證，無菌認證Sterile SAL 10^{-6} (beta-ray treated)
- 擁有 CE-IVD 標章
- 符合生物樣品IATA PI 650 包裝認證
- 無塵室製造認證 Class ISO 7 (UNI EN ISO 14644-1). Class 10000 (US FED STD 209E)
- 管身為 Polypropylene材質/ 管蓋為複合式Polyethylene/TPV材質

Product Name	Product No.	PKG size
2ML CryoGen® Tubes, 1D linear barcode INTERNAL CAP Tubes, Self Standing (內旋)	CL2ARBIPSTS-50/500	50/500 tubes
2ML CryoGen® Tubes, 1D linear barcode EXTERNAL CAP Tubes, Self Standing (外旋)	CL2ARBEPSTS-50/500	50/500 tubes

WESTERN BLOTTING



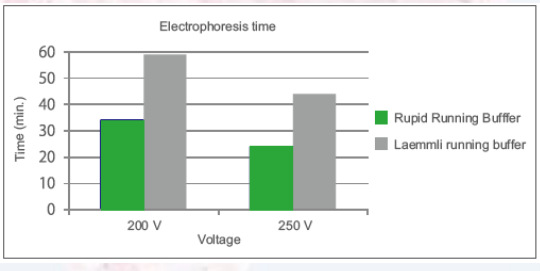
Rapid Running Buffer Solution (20x)

» 250 V 下電泳時間只需 25 分鐘
» 取代傳統TG-SDS緩衝液，後續可高效轉漬至WB膜
» 在單一濃度膠上呈現出Gradient gel般的分離效果

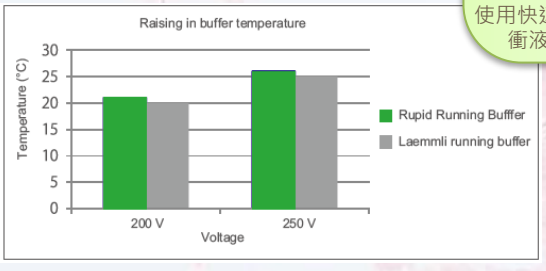
電泳時間與緩衝液溫度升高比較

使用本產品進行蛋白質電泳，與傳統TG-SDS緩衝液相比，電泳時間縮短約一半，緩衝液升溫與傳統TG-SDS緩衝液相同。

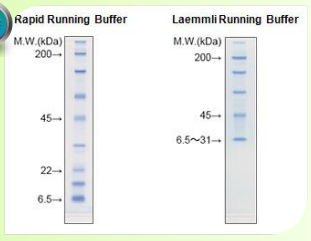
Electrophoresis time



Raising in buffer temperature



Gradient gel 般的分離效果



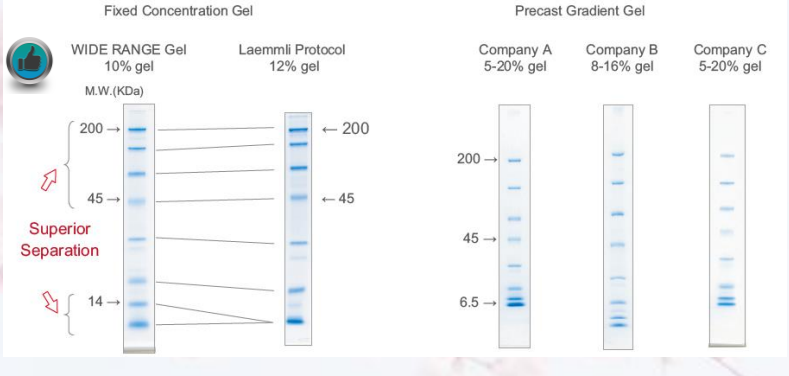
使用快速電泳緩衝液及傳統電泳緩衝液在 250V 下運行 23 分鐘

WIDE RANGE Gel Preparation Buffer (4x) for PAGE

WIDE RANGE 凝膠製備緩衝液只需與acrylamide/ bisacrylamide凝膠製備溶液混合，即可在單一比例凝膠上達到類似Gradient gels的分離效果。凝膠可與常用的sample buffers和running buffers一起使用。後續亦適用於 CBB 染色和銀染。

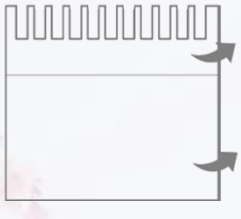
»» 製膠流程簡單: 4倍濃縮的中性pH緩衝液。可同時用於上下層膠，取代傳統的Tris-HCl緩衝液。
»»凝膠具更高的穩定性和更高的拉伸強度: 低濃度凝膠不易破。緩衝液提高了凝膠的穩定性，比傳統凝膠有更長的保存期限。
»» 更佳的分離能力: WIDE RANGE 凝膠比使用傳統的凝膠具有更大的分離範圍。







一瓶抵兩瓶
不用再準備兩種 Tris6.8/8.8 緩衝液



Stacking Gel
- Acrylamide/Bis
- WIDE RANGE Gel Preparation Buffer
- Water
- APS
- TEMED

Separating Gel
- Acrylamide/Bis
- WIDE RANGE Gel Preparation Buffer
- Water
- APS
- TEMED

Composition

Inhibitors	#04080-11 for General Use	#03969-21 EDTA free	#25955-11 for Mammalian
4-(2-Aminoethyl) benzenesulfonyl fluoride hydrochloride (AEBSF)	✓	✓	✓
Aprotinin	✓	✓	✓
E-64	✓	✓	✓
Leupeptin hemisulfate mono-hydrate	✓	✓	✓
Disodium dihydrogen ethylen-ediaminetetraacetate dihydrate	✓		
Bestatin			✓
Pepstatin A			✓

產品名	編號	SIZE
Rapid Running Buffer Solution(20x) for SDS-PAGE	12981-74	250 mL
WIDE RANGE Gel Preparation Buffer (4x) for PAGE	07831-94	250 mL
WB Stripping Solution	05364-55	500 mL
WB Stripping Solution Strong	05677-65	500 mL
Protease Inhibitor Cocktail for General Use(100x)	04080-24/04080-11	1 mL/1 mL*5
Protease Inhibitor Cocktail for Use with Mammalian Cell and Tissue Extracts	25955-24/25955-11	1 mL/1 mL*5
Protease Inhibitor Cocktail(EDTA free)(100x)	03969-21	1 mL*5

HRP-conjugated secondary antibody

New Product 新推出

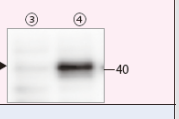
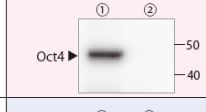
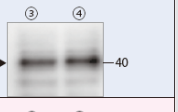
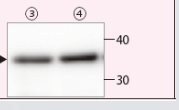
HRP 鍵結的二抗，用於 Western blotting。 Nacalai提供兩種類型的親和純化抗體 ：Anti-Mouse IgG 和Anti-Rabbit IgG。

- Affinity-purified form: **親和性純化**
- Cross-absorbed: **交叉吸附 ***

*Anti-Mouse IgG : 與 Human IgG、Rat IgG、Rabbit IgG 交叉吸附
Anti-Rabbit IgG : 與 Human IgG、Rat IgG、Mouse IgG 交叉吸附

WB實測結果

iPS 誘導來源的肝細胞和Protein Kinase C 活化的細胞檢測參與分化和磷酸化的目標蛋白。這些蛋白質與細胞分化和磷酸化過程有關。 並同時使用了三種不同靈敏度的化學發光試劑進行檢測。

Chemiluminescent reagent (Recommended dilution rate for secondary antibodies)	Actual dilution rate	iPS cell-derived liver cells	PKC-activated HEK293 cells
Chemi Lumi One Ultra (1:50,000-1:500,000)	100,000x		
Chemi Lumi One Super (1:10,000-1:100,000)	20,000x		
Chemi Lumi One L (1:2,500-1:25,000)	5,000x		

< 實驗條件 >
樣品：① 對照（iPS 細胞 10 µg）② iPS 細胞來源肝細胞 10 µg ③ 對照（HEK293 細胞 10 µg）④ PKC 啟動的 HEK293 細胞 10 µg
一抗：用 Bullet Immuno Reaction Buffer (#18439-85) 稀釋抗體，室溫 30 分鐘
[αAT]（Proteintech #66135-1-Ig）, [Oct4]（Abcam #ab19857）, [β-Actin]（MBL #M177-3）, [pERK]（CST #4370S）, [ERK]（Santa Cruz #sc-514302）, [GAPDH]（Novus Biologicals #NB300-322）
二抗：用 Bullet Immuno Reaction Buffer (#18439-85) 稀釋抗體，室溫 30 分鐘

Blue : Anti-Mouse IgG（#21860）Pink : Anti-Rabbit IgG（#21858）

靈敏度比較

使用稀釋 20,000 倍的 Anti-Mouse IgG 和 Anti-Rabbit IgG 抗體，檢測樣品從 16 µg/ well開始連續稀釋 2 倍。
結果證實Nacalai二抗具有與其他公司的產品更好或相同的靈敏度。

	This product	Company A	Company B
Anti-Mouse IgG (Primary antibody：Anti-β-Actin)			
Anti-Rabbit IgG (Primary antibody：Anti-PCNA)			

< 實驗條件 >
請參照原廠網頁（https://www.nacalai.co.jp/products/entry/d005021.html）

產品名	編號	SIZE
Anti-Mouse IgG(Goat), HRP-conjugated, Pre-absorbed	21860-61-500	0.5 mL
Anti-Rabbit IgG (Goat), HRP-conjugated, Pre-absorbed	21858-11-500	0.5 mL

Immunohistochemistry / Immunocytochemistry

New Product 新推出

4% - Paraformaldehyde Phosphate Buffer Solution

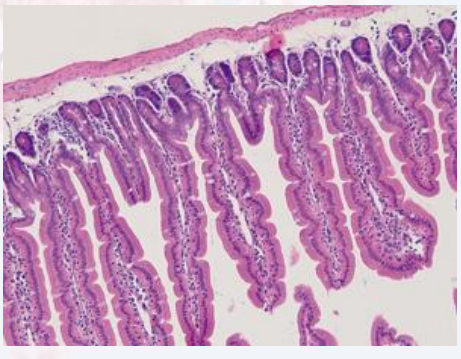
溶解Paraformaldehyde需要鹼化和加熱，其毒性強，配置耗時且危險。為了減少稱重過程的時間和風險，Nacalai提供三種包裝：5 x 10 mL、100 mL 和 500 mL。

» 即用型
» 有小容量包裝，可隨時使用新鮮液體
» 10 mL廣口容器，標本可直接浸入組織碎片
» 廢棄物處理成本低
» 冷藏保存



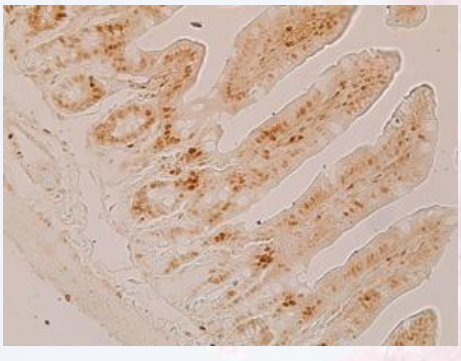
Usage examples

Hematoxylin-eosin staining



Sample:	Mouse small intestine
Fixation method:	Immersion fixation with this product (over night at 4ºC)
Deparaffinization:	Limonene and ethanol

Immunohistological staining



Sample:	Mouse small intestine
Fixation method:	Immersion fixation with this product (overnight at 4ºC)
Deparaffinization:	Limonene and ethanol
Primary antibody:	Anti-PCNA (FL-261) (rabbit)
Staining:	Peroxidase Stain DAB Kit (brown stain) (Product No. 25985-50)

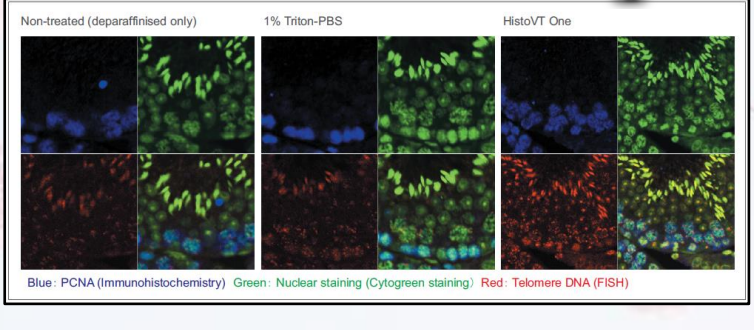
HistoVT One (10x, pH 7.0)

HistoVT One 是一種用於免疫組織化學和原位雜交的抗原修復液。能夠修復福馬林固定、冷凍或石蠟包埋的組織切片中的抗原，且不會造成抗原傷害。

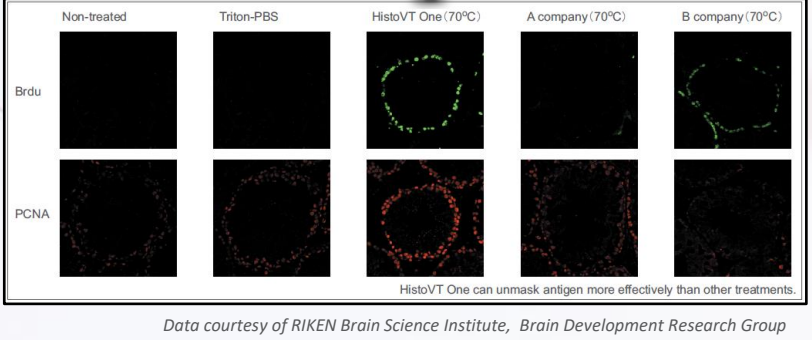


» 增強抗原抗體反應
» 適用於冷凍或石蠟包埋組織切片
» 高重複性

Formalin-fixed, paraffin-embedded tissue sections



Frozen sections



Data courtesy of RIKEN Brain Science Institute, Brain Development Research Group

產品名	編號	SIZE
HistoVT One (10x, pH 7.0)	06380-05	500 mL
4% - Paraformaldehyde Phosphate Buffer Solution	09154-14	5 x 10 mL
	09154-56	500 mL
	09154-85	500 mL

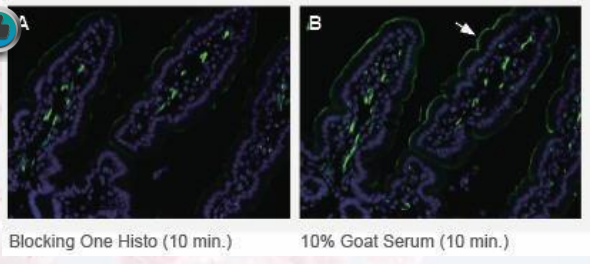
Blocking One Histo



用於防止免疫組化 (IHC) 實驗中抗體的非特異性結合。

» 眼藥水瓶設計
» 可用於免疫螢光染色(immunofluorescence staining)
» 溶液中的防腐劑不會影響alkaline phosphatase or horseradish peroxidase的活性

與10%山羊血清的阻斷效率比較



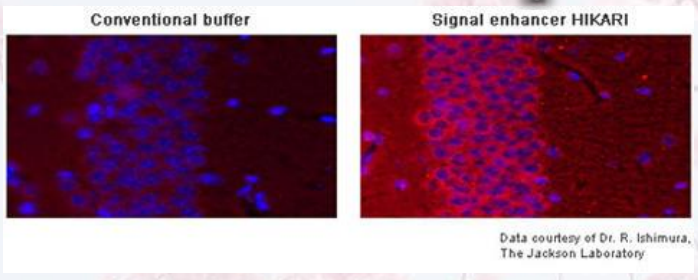
小鼠小腸組織切片以 CFTM 488A 二抗(綠色)染色，與普通血清相比，Blocking One Histo 能有效降低非特異性背景染色。沿著小腸形狀線的白色箭頭為非特異性染色。

Sample: Mouse small intestine (Paraffin-embedded section)
Antigen Retrieval: Histo VT One, 90°C, 20 min.
Primary antibody: Anti-Vimentin rabbit polyclonal antibody (Santa Cruz: #sc-7557R)
Secondary antibody: CFTM 488A Goat anti-Rabbit IgG(H+L), F(ab')2 Fragment (Biotium: #20013)

Signal Enhancer HIKARI for Immunostain

稀釋抗體用，可解決Immunohistochemistry (IHC) 和 Immunocytochemistry等免疫染色過程中經常遇到的低靈敏度和高背景的問題。

» 增強訊號- 訊號強度增加數倍
» 降低背景- 提高抗體的特異性
» 適用於任何偵測系統



腦組織切片以與 AF555 鍵結的二抗(紅色)染色，並以 Hoechst 染料(藍色)複染

Mounting Medium (Fluoro-KEEPER Antifade)

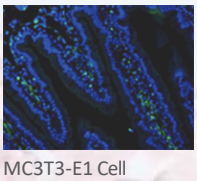


眼藥水瓶設計

非硬化型封片劑，含有獨特的抗淬滅劑。能夠避免螢光顯微鏡實驗過程中的快速光漂白。即使使用指甲油或其他密封劑封片，玻片也能保持穩定數週。有兩種可選擇：含 DAPI 和不含 DAPI 的counterstains 兩種選擇。

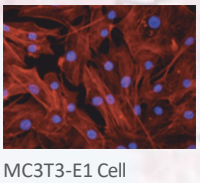
Mounting Medium: Fluoro-KEEPER with DAPI for 30 min. at room temperature protecting from light.
Microscopy: Olympus BX-50-34-FLA1

Mouse Small Intestine



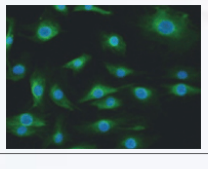
Antigen retrieval: HistoVT One (#06380) Blocking
Blocking: One Histo (#06349)
1st Ab: Anti-Vimentin Rabbit Polyclonal Antibody (Santa Cruz #sc-7557R) CFTM
2nd Ab: 488A Goat Anti-Rabbit IgG (H+L), Fragment (Biotium #20013)

MC3T3-E1 Cell



Blocking： Blocking One Histo（#06349）
Rhodamine-conjugated phalloidin（Cytoskeleton #PHDR1）

MC3T3-E1 Cell



Blocking: Blocking One Histo (#06349)
1st Ab: Anti-Vimentin Rabbit Polyclonal Antibod (Santa Cruz #sc-7557R)
2nd Ab: Cy®2 Goat Anti-Rabbit IgG(H+L) (GENETEX #GTX26940)

產品名	編號	SIZE
Blocking One Histo	06349-64	50 mL
Signal Enhancer HIKARI for Immunostain Trial Set	02363-71	1 set/5 mL each
Fluoro-KEEPER Antifade Reagent, Non-Hardening Type	12593-64	2 x 5 mL
Fluoro-KEEPER Antifade Reagent, Non-Hardening Type with DAPI	12745-74	2 x 5 mL

Phenol solution for DNA/RNA extraction

熱銷產品



製品名	說明	編號	容量
DNA 用			
Phenol, Saturated with TE Buffer	pH 6.6 緩衝液飽和酚。使用前可添加附帶的緩衝液調整至 pH 7.9	25969-54	100 mL
		25969-96	400 mL
Phenol, Saturated with TE Buffer	含有 8-quinolinol作為安定劑。酚層（下層）呈黃色易與上層的透明水層區分。已預先調整至pH 8	26829-54	100 mL
		26829-96	400 mL
Phenol:Chloroform:Isoamyl Alcohol 25:24:1 Mixed, pH 6.7	可去除蛋白質與脂質。使用前可添加附帶的緩衝液調整至 pH 8	25967-74	100 mL
		25967-16	400 mL
Phenol:Chloroform:Isoamyl Alcohol 25:24:1 Mixed, pH 7.9	含有 8-quinolinol作為安定劑。酚層（下層）呈黃色易與上層的透明水層區分。已預先調整至pH 8	25970-14	100 mL
		25970-56	400 mL
RNA 用			
Phenol, Saturated with Citrate Buffer	pH 4.3 緩衝液飽和酚	25968-35	500 mL
Phenol:Chloroform:Isoamyl Alcohol 25:24:1 Mixed, pH 5.2	可去除蛋白質與脂質。適合回收帶有長 poly(A) 的 RNA	26058-54	100 mL
		26058-96	400 mL





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