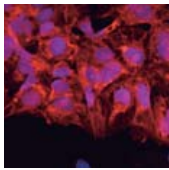
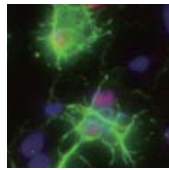


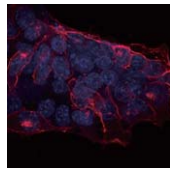
## World Class Stem Cell Antibodies



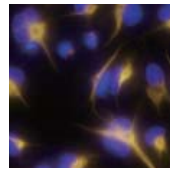
LIN-28 (Cat# AF3757)



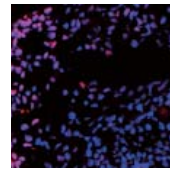
Olig2 (Cat# AF2418; red)  
O4 (Cat# MAB1326; green)



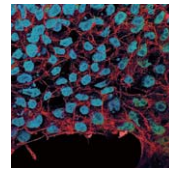
SSEA-1 (Cat# MAB2155)



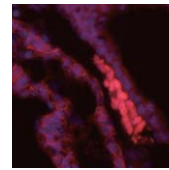
Nestin  
(Cat# NL2736R; yellow)



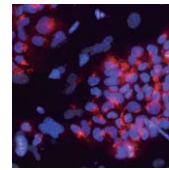
Nanog (Cat# AF1997)



E-Cadherin (Cat# AF648)



Brachyury (Cat# AF2085)



Podocalyxin  
(Cat# MAB1658)

## Embryonic Stem Cell

### **Human Pluripotent Stem Cell Array (Cat No. ARY010)**

alpha-Fetoprotein, Oct-3/4, Nanog, SOX2, E-Cadherin, GATA-4, HNF-3, beta/FoxA2, PDX-1/IPF1, SOX17, Otx2, TP63/TP73L, Goosecoid, Snail, VEGF R2/KDR, HCG

### **Human Pluripotent Stem Cell Functional Identification Kit (Cat No. SC027)**

Differentiation Base Media Supplement, Endoderm Differentiation Supplement I, Endoderm Differentiation Supplement II, Ectoderm Differentiation Supplement, Mesoderm Differentiation Supplement, Goat anti-human SOX17, Goat anti-human Otx2, and Goat anti-human Brachyury

### **Human/Mouse Embryonic Stem Cell 4-color Flow cytometry Kit (Cat No. FMC001)**

SOX2-PE (Clone 245610; mouse IgG2A), Oct-3/4-APC (Clone 240408; rat IgG2B), SSEA-1-PerCP (Clone MC-480; mouse IgM), SSEA-4-CFS (Clone MC-813-70; mouse IgG3)

### **Human Pluripotent Stem Cell 3-Color Immunocytochemistry Kit (Cat No. SC021)**

SOX2-NL557, Oct-3/4-NL637, and Nanog-NL493

### **Human Pluripotent Stem Cell Live Cell Imaging Kit (Cat No. SC023)**

493SSEA-4-NL493, TRA-1-60(R)-NL557, and SSEA-1-NL557

### **Human Embryonic Stem Cell Marker Antibody Panel (Cat No. SC008)**

Anti-Alkaline Phosphatase, Anti-Nanog, Anti-Oct-3/4, Anti-SSEA-1, Anti-SSEA-4

### **Human Embryonic Stem Cell Marker Antibody Panel Plus (Cat No. SC009)**

Anti-CD9, Anti-E-Cadherin, Anti-Nanog, Anti-Oct-3/4, Anti-Podocalyxin, Anti-SOX2, Anti-SSEA-1, Anti-SSEA-4

### **Human Pluripotent Stem Cell Assessment Primer Pair Panels (Cat No. CS012)**

### **Rat/Mouse Pluripotent Stem Cell Assessment Primer Pair Panels (Cat No. CS015)**

Brachyury, DPPA5/ESG1, GAPDH, GATA-4, HNF-3 beta/FoxA2, Nanog, Nestin, Oct-3/4, Otx2, PDX1/IPF1, SOX17, SOX2, Stella/DPPA3, TP63/TP73L

### **iPS Proteins (StemRD)**

Oct-4, SOX-2, KLF-4, c-MYC, TAT

## Mesenchymal Stem Cells (Ectoderm)

### **Human Mesenchymal Stem Cell Functional Identification Kits (Cat No. SC006)**

### **Rat Mesenchymal Stem Cell Functional Identification Kits (Cat No. SC020)**

Adipogenic Supplement, Chondrogenic Supplement, Osteogenic Supplement, ITS Supplement, Anti-FABP4 (adipocyte marker), Anti-Aggregan (chondrocyte marker), Anti-Osteocalcin (osteocyte marker)

### **Mouse Mesenchymal Stem Cell Identification Kits (Cat No. SC010)**

Adipogenic Supplement, Chondrogenic Supplement, Osteogenic Supplement, ITS Supplement, Anti-FABP4 (adipocyte marker), Anti-Collagen II (chondrocyte marker), Anti-Osteocalcin (osteocyte marker)

### **Human Multipotent Mesenchymal Stromal Cell 4-Color Flow Kit (Cat No. FMC002)**

CD105-PerCp, CD146-Fluorescein, CD90-APC, CD45-PE

### **Human Multipotent Mesenchymal Stromal Cell Marker Ab Panel (Cat No. SC017)**

Stro-1, CD90, CD106, CD105, CD146, CD166, CD44, CD19, CD45.

### **Mouse Multipotent Mesenchymal Stromal Cell Marker Ab Panel (Cat No. SC018)**

Sca-1, CD106, CD105, CD73, CD29, CD44, CD11b, CD45

## Neural Stem Cell

### **Serum Free Human/Mouse/Rat Neural Stem Cell Expansion Kit - Monolayer Plus** (Cat No. SC005)

FGF basic, EGF, Fibronectin, N-2 Plus Media Supplement

### **Serum Free Human/Mouse/Rat Neural Stem Cell Expansion Kit - Neurosphere** (Cat No. SC003)

FGF basic, EGF, N-2 Plus Media Supplement

### **Human/Mouse Dopaminergic Neuron Differentiation Kit** (Cat No. SC001B)

FGF-8b, FGF basic, Shh-N, Fibronectin, ITS Media Supplement, N-2 Plus Media Supplement

### **Mouse Oligodendrocyte Differentiation Kit** (Cat No. SC004)

EGF, FGF basic, PDGF-AA, Fibronectin, ITS Media Supplement, N-2 Plus Media Supplement

### **Human/Mouse/Rat Neural Progenitor Cell Marker Antibody Panel** (Cat No. SC025)

Anti-CXCR4, Anti-SSEA-1, Anti-SOX1, Anti-SOX2, Anti-Musashi-1, Anti-Notch-1, Anti-Nestin, Anti-Vimentin

### **Human/Mouse/Rat Neural 3-Color Immunocytochemistry Kit** (Cat No. SC024)

GFAP-NL493, beta-III Tubulin-NL637 (Clone TUJ1), and Oligodendrocyte Marker 4-NL557 (Clone O4)

## Hematopoietic Stem Cell

### **Mouse Hematopoietic Stem Cell Expansion Cytokine Panel** (Catalog No. SMPK9)

Flt-3 Ligand, SCF, Tpo

### **MagCelect™ Mouse Hematopoietic Cell Lineage Depletion Kit** (Catalog No. MAGM209)

10X Buffer, Streptavidin Ferrofluid, Blocking Reagent, Anti-CD5, Anti-TER-119, Anti-CD11b, Anti-CD45R/B220, and Anti-Ly-6G/Gr-1

### **Mouse Hematopoietic Progenitor Cell 3-Color Flow Kit** (Catalog No. FMC005)

CD244-Fluorescein, CD150-APC, and CD48-PE

## Stem Cell Proteins

제품	제품 번호	Size
1MG 용 (lyophilized)		
rh EGF	236-EG-01M	1 mg
rh FGF basic	233-FB-001MG/CF	1 mg
rh IGF-I	291-G1-01M	1 mg
rh SCF	255-SC-001MG/CF	1 mg
Bulk 견적 요청 제품 (liquid)		
rh Activin A	338-AC	500 ug
rh BMP-2	355-BM	500 ug
rh BMP-4	314-BP	500 ug
rh Noggin	6057-NG	1 mg
rh Sonic Hedgehog	1845-SH	1 mg

## Stem Cell Protocols from R&D Systems

R&D Systems provides detailed, easy-to-follow protocols as an aid for your stem cell experiments

[www.RnDSystems.com/go/SCProtocols](http://www.RnDSystems.com/go/SCProtocols)