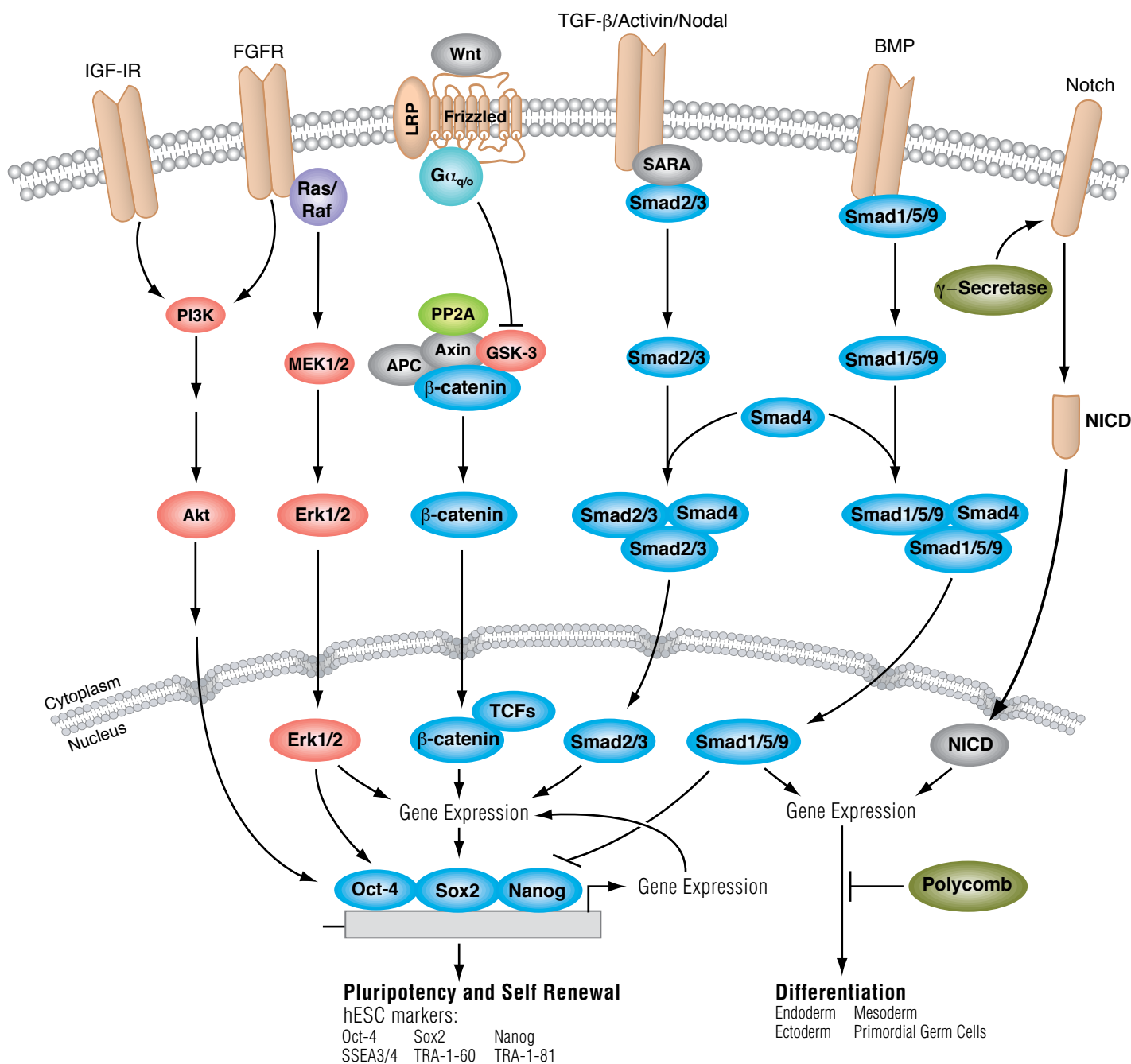


Stem Cells & Differentiation

ESC Pluripotency and Differentiation Signaling Pathway



Key Products for Stem Cells & Differentiation

Visit www.cellsignal.com/StemCellList for full listing of antibodies, related kits, and reagents.

ANTIBODIES

	APPLICATIONS	REACTIVITY
#8178 C/EBPα (D56F10) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, (R)
#2295 C/EBPα Antibody	WB, IF-IC	H, M, R
#3239 Gab2 (26B6) Rabbit mAb	WB	H, M
#13353 GATA-1 (D52H6) XP® Rabbit mAb (PE Conjugate)	F	H, M, R
#5852 GATA-3 (D13C9) XP® Rabbit mAb	WB, IHC-P, IF-IC, F, ChIP	H, M
#36966 GATA-4 (D3A3M) Rabbit mAb	WB, IF-IC, F	H, (M, R)
#5851 GATA-6 (D61E4) XP® Rabbit mAb	WB, IF-IC, F, ChIP	H, (M, R, Dg, Pg)
#3431 Id2 (D39E8) Rabbit mAb	WB, IP	H, M, Mk
#3753 JunB (C37F9) Rabbit mAb	WB, IP, IHC-P, IF-IC, ChIP	H, M, R, Mk
#4038 KLF4 Antibody	WB	H, M, Mk
#14896 MIST1/bHLHa15 (D7N4B) XP® Rabbit mAb	WB, IHC-P	H, M, (R)
#8822 Nanog (D2A3) XP® Rabbit mAb (Mouse Specific)	WB, IP, IF-IC, F, ChIP	M
#4903 Nanog (D73G4) XP® Rabbit mAb	WB, IHC-P, IF-IC, F	H
#5232 Nanog (D73G4) XP® Rabbit mAb (ChIP Formulated)	ChIP	H
#8750 Nanog (D73G4) XP® Rabbit mAb (Alexa Fluor® 594 Conjugate)	IF-IC	H
#14955 Nanog (D73G4) XP® Rabbit mAb (PE Conjugate)	F	H
#8785 Nanog (D1G10) Rabbit mAb (Mouse Specific; ChIP Formulated)	IP, ChIP	M
#5482 Phospho-NDRG1 (Thr346) (D98G11) XP® Rabbit mAb	WB, IHC-P, IF-IC, F	H, M, R, Mk
#7497 Phospho-NDRG1 (Thr346) (D98G11) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)	IF-IC, F	H, M, R, Mk
#8032 NFAT2 (D15F1) Rabbit mAb	WB, IP	H, M
#2750 Oct-4 Antibody	WB, IHC-P, IF-IC, F, ChIP	H
#2840 Oct-4A (C30A3) Rabbit mAb	WB, IF-IC, F	H, M
#5177 Oct-4A (C30A3) Rabbit mAb (Alexa Fluor® 488 Conjugate)	IF-IC, F	H, M
#5263 Oct-4A (C30A3) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IF-IC, F	H, M
#2890 Oct-4A (C52G3) Rabbit mAb	WB, IHC-P, IF-IC, F, ChIP	H

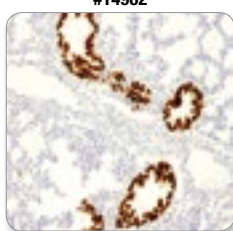
ANTIBODIES

	APPLICATIONS	REACTIVITY
#8486 RUNX2 (D1H7) Rabbit mAb	WB, IP, ChIP	H, M, R, Mk
#12556 RUNX2 (D1L7F) Rabbit mAb	WB, IP, IF-IC, F, ChIP	H, M, R
#13089 RUNX3/AML2 (D9K6L) Mouse mAb	WB, IP, IF-IC	H, M, R, Mk
#9585 Slug (C19G7) Rabbit mAb	WB, IP, IF-IC	H, M
#13820 Phospho-Smad1 (Ser463/465)/ Smad5 (Ser463/465)/ Smad9 (Ser465/467) (D5B10) Rabbit mAb	WB, IP, IF-IC, F	H, M, R
#9516 Phospho-Smad1/5 (Ser463/465) (41D10) Rabbit mAb	WB, IF-IC, F	H, M, R,
#5339 Smad2 (D43B4) XP® Rabbit mAb	WB, IP, IF-IC, F, ChIP	H, M, R, Mk
#8828 Phospho-Smad2 (Ser465/467)/Smad3 (Ser423/425) (D27F4) Rabbit mAb	WB, IF-IC, F	H, M, R, Mk
#8685 Smad2/3 (D7G7) XP® Rabbit mAb	WB, IP, IF-IC, F, ChIP	H, M, R, Mk
#3879 Snail (C15D3) Rabbit mAb	WB, IP	H, M, R, Mk
#3895 Snail (L70G2) Mouse mAb	WB	H, M, R
#14962 Sox2 (D1C7J) XP® Rabbit mAb	WB, IHC-P	H, M, (R)
#3579 Sox2 (D6D9) XP® Rabbit mAb	WB, IHC-P, IF-IC, F	H, (B, Dg, Hr)
#23064 Sox2 (D9B8N) Rabbit mAb	WB, IP, IF-F, IF-IC, F, ChIP	H, M
#2748 Sox2 Antibody	WB, IP, ChIP	H, M, (R, B, Dg, Hr)
#89356 Sox10 (D5V9L) Rabbit mAb	WB, IP, IF-IC	H
#9389 SP1 (D4C3) Rabbit mAb	WB, IP, IHC-P, F, ChIP	H, Mk
#4744 SSEA1 (MC480) Mouse mAb	IHC-P, IF-IC, F	M
#4755 SSEA4 (MC813) Mouse mAb	IF-IC, F	H
#3396 TCF8/ZEB1 (D80D3) Rabbit mAb	WB, IP	H, (M, R)
#4016 TCL1 (1-21) Mouse mAb	WB, IP	H
#4746 TRA-1-60(S) (TRA-1-60(S)) Mouse mAb	WB, IHC-P, IF-IC, F	H
#4745 TRA-1-81 (TRA-1-81) Mouse mAb	IHC-P, IF-IC, F	H

RELATED KITS AND ASSAYS

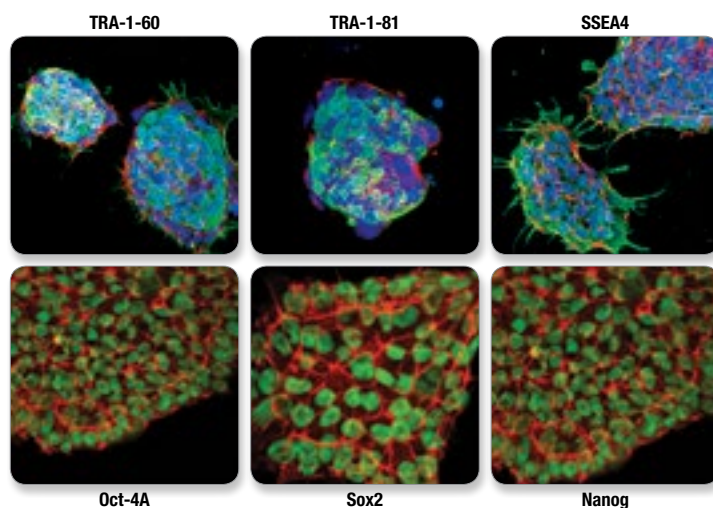
- #9092 StemLight™ iPS Cell Reprogramming Antibody Kit
- #9093 StemLight™ Pluripotency Transcription Factor Antibody Kit
- #9656 StemLight™ Pluripotency Antibody Kit

Sox2 (D1C7J) XP® Rabbit mAb #14962:
IHC analysis of paraffin-embedded E14.5 embryonic mouse lung using #14962.



#14962

StemLight™ Pluripotency Antibody Kit #9656: Projected confocal z-stack of human iPS cells using the antibodies from #9656 (green; specified images). Actin filaments were labeled with DyLight™ 554 phalloidin #13054 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



Oct-4A

Sox2

Nanog

APPLICATIONS & REACTIVITY KEY: **WB** Western Blotting / **IP** Immunoprecipitation / **IHC** Immunohistochemistry / **IF** Immunofluorescence / **F** Flow Cytometry / **ChIP** Chromatin Immunoprecipitation / **IC** Immunocytochemistry / **-P** Paraffin / **-F** Frozen / **E-P** Peptide ELISA / **H** human / **M** mouse / **R** rat / **Hm** hamster / **Mk** monkey / **C** chicken / **Mi** mink / **Dm** D. melanogaster / **X** Xenopus / **Z** zebra fish / **B** bovine / **Dg** dog / **Pg** pig / **Sc** S. cerevisiae / **All** all species expected / () 100% sequence homology

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