

产品名称: NANOG Mouse Monoclonal Antibody
产品货号: AMM80700



产品概述 (Summary)

产品名称 (Production Name)	NANOG Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB, ICC, ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NANOG
别名 (Alternative Names)	NANOG
基因 ID (Gene ID)	79923.0
蛋白 ID (SwissProt ID)	Q9H9S0. Purified recombinant fragment of NANOG (aa20-166) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	35kDa

研究背景 (Background)

NANOG: Nanog homeobox. Entrez Protein NP_079141. Nanog is a divergent homeodomain protein that directs

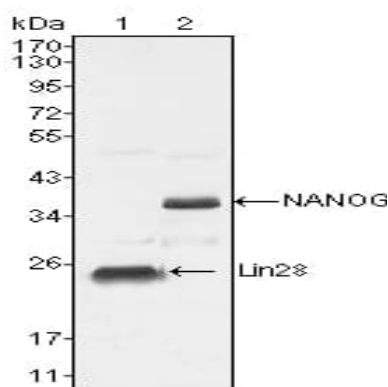
产品名称: NANOG Mouse Monoclonal Antibody
产品货号: AMM80700



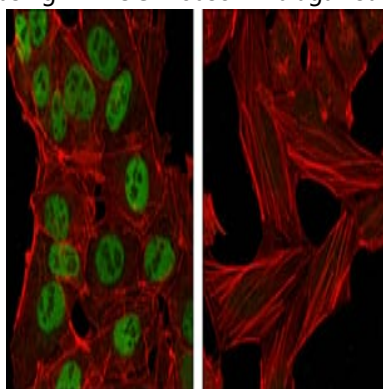
pluripotency and differentiation of undifferentiated embryonic stem cells. Nanog mRNA is present in pluripotent mouse and human cell lines, and absent from differentiated cells. Human Nanog protein shares 52% overall amino acid identity with the mouse protein and 85% identity in the homeodomain. Human Nanog maps to gene locus 12p13.31, whereas mouse Nanog maps to gene loci 6 F2. Murine embryonic Nanog expression is detected in the inner cell mass of the blastocyst. High levels of human Nanog expression were detected by Northern analysis in the undifferentiated N-Tera embryonal carcinoma cell line.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis using NANOG mouse mAb against NTERA-2 cell lysate (2).



Confocal Immunofluorescence analysis of NTERA-2 cells (left) and HeLa cells (right) using Nanog mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin.

注意事项 (Note)

For research use only .