

产品名称: Oct-4 (3F5) Mouse Monoclonal Antibody
产品货号: AMM03422



产品概述 (Summary)

产品名称 (Production Name)	Oct-4 (3F5) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB
种属反应性 (Reactivity)	Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG2b
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Pou5F1
别名 (Alternative Names)	Oct-4 (3F5); Oct3; Oct4; Otf3; Otf4; NF-A3; Oct-3; Oct-4; Otf-3; Otf-4; Otf3g; Oct3/4; Oct-3/4; Otf3-rs7.
基因 ID (Gene ID)	18999.0
蛋白 ID (SwissProt ID)	P20263.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000
蛋白分子量 (Molecular Weight)	Calculated MW: 38 kDa; Observed MW: 45 kDa

研究背景 (Background)

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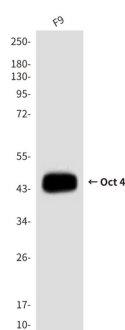


Transcription factor that binds to the octamer motif (5'-ATTGTCAT-3'). Forms a trimeric complex with SOX2 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206. Critical for early embryogenesis and for embryonic stem cell pluripotency.

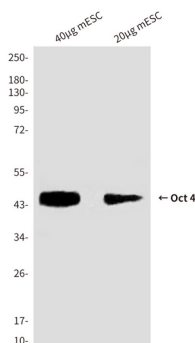
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



Western blot analysis of POU5F1/Oct-4 in F9 lysates using POU5F1/Oct-4 antibody.



Western blot analysis of Oct-4 (3F5) in 20ug and 40ug mESC lysates using POU5F1/Oct-4 antibody.

注意事项 (Note)

For research use only .