

产品名称: FOXD3 Mouse Monoclonal Antibody
产品货号: AMM80915



产品概述 (Summary)

产品名称 (Production Name)	FOXD3 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Monkey

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)	FOXD3
别名 (Alternative Names)	AIS1; HFH2; Genesis; FOXD3
基因 ID (Gene ID)	27022.0
蛋白 ID (SwissProt ID)	Q9UJU5.Purified recombinant fragment of human FOXD3 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	48kDa

研究背景 (Background)

FoxD3 is a member of the Forkhead Box family and is characterized by a winged-helix DNA-binding structure and the important role it plays in embryonic development . This transcriptional regulator is required for the maintenance of

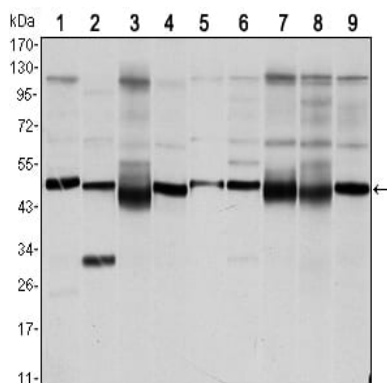
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pluripotency in the pre-implantation and peri-implantation stages of mouse embryonic development and is also required for trophoblast formation . FoxD3 is required for the maintenance of the mammalian neural crest; FoxD3(-/-) mouse embryos fail around the time of implantation with loss of neural crest-derived structures . FoxD3 also forms a regulatory network with Oct-4 and NANOG to maintain the pluripotency of ES cells .Promotes development of neural crest cells from neural tube progenitors. Restricts neural progenitor cells to the neural crest lineage while suppressing interneuron differentiation. Required for maintenance of pluripotent cells in the pre-implantation and peri-implantation stages of embryogenesis .Tissue specificity: Expressed in chronic myeloid leukemia, Jurkat T-cell leukemia and teratocarcinoma cell lines, but not in any other cell lines or normal tissues examined .

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis using FOXD3 mouse mAb against NTERA-1 (1)HHUVE-12 (2), HEK293 (3), Hela (4), Jurkat (5), NIH/3T3 (6), K562 (7), RAW264.7 (8) and COS7 (9) cell lysate.

注意事项 (Note)

For research use only .