

产品名称: SOX2 Mouse Monoclonal Antibody
产品货号: AMM80930



产品概述 (Summary)

产品名称 (Production Name)	SOX2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse,Rat,Rabbit,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)	SOX2
别名 (Alternative Names)	ANOP3; MCOPS3
基因 ID (Gene ID)	6657.0
蛋白 ID (SwissProt ID)	P48431.Purified recombinant fragment of human SOX2 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	34kDa

研究背景 (Background)

This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the

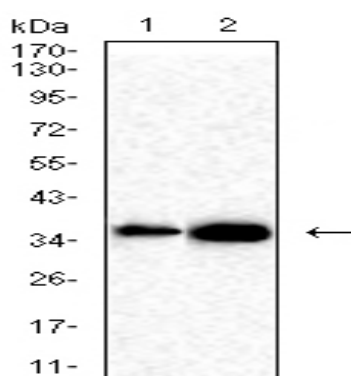
产品名称: SOX2 Mouse Monoclonal Antibody
产品货号: AMM80930



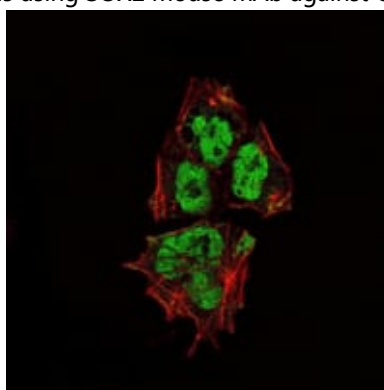
regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT).

研究领域 (Research Area)

图片 (Image Data)

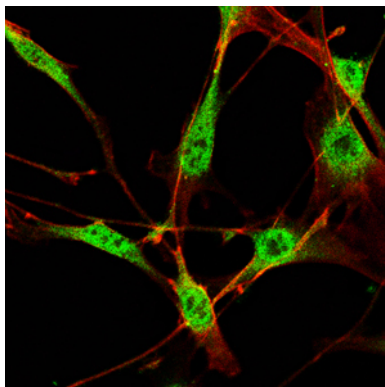


Western blot analysis using SOX2 mouse mAb against C6(1),F9(2) cell lysate.

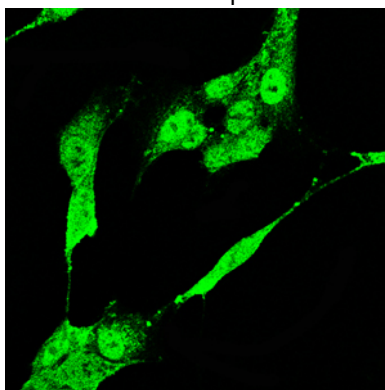


Immunofluorescence analysis of NTERA-2 cells using SOX2 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

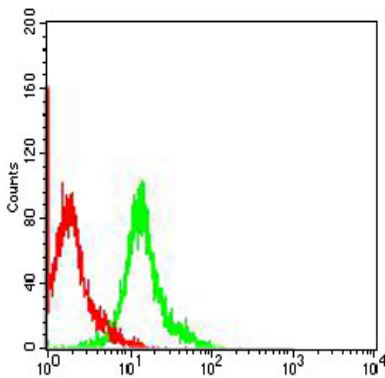
产品名称: SOX2 Mouse Monoclonal Antibody
产品货号: AMM80930



Immunofluorescence analysis of NIH3T3 cells using SOX2 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

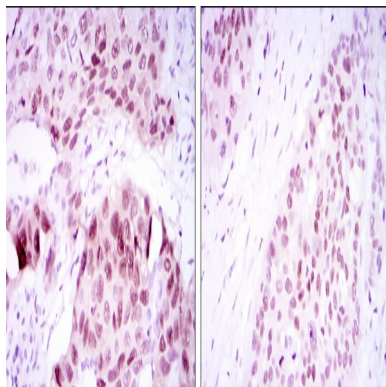


Immunofluorescence analysis of C6 cells using SOX2 mouse mAb (green)

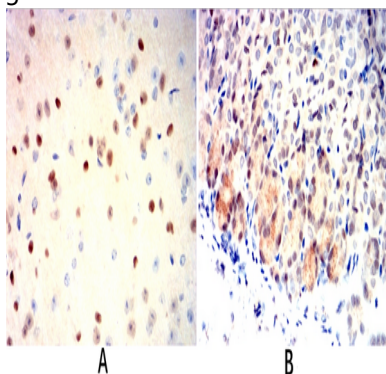


Flow cytometric analysis of COS7 cells using SOX2 mouse mAb (green) and negative control (red).

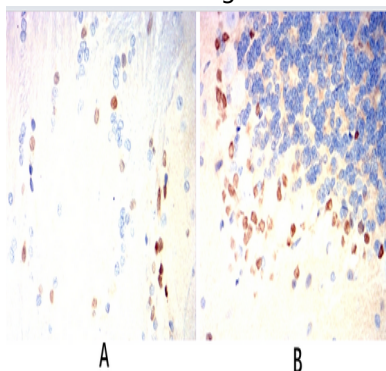
产品名称: SOX2 Mouse Monoclonal Antibody
产品货号: AMM80930



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues (left) and esophageal cancer tissues (right) using SOX2 mouse mAb with DAB staining.

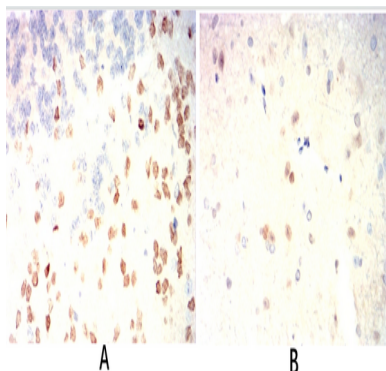


Immunohistochemical analysis of paraffin-embedded Mouse brain(A) Mouse stomach(B) using SOX2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat brain(A) Rat cerebellum(B) using SOX2 mouse mAb with DAB staining.

产品名称: SOX2 Mouse Monoclonal Antibody
产品货号: AMM80930



Immunohistochemical analysis of paraffin-embedded Rabbit cerebellum(A) Rabbit spinal cord(B) using SOX2 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .