

SOX2 Monoclonal Antibody

Catalog No: #27015



Package Size: #27015-1 50ul #27015-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	SOX2 Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Purification	Purified by antigen-affinity chromatography.
Applications	WB;IHC;IF;FC;ELISA
Species Reactivity	Human;Mouse;Rat;Rabbit;Monkey
Immunogen Description	Purified recombinant fragment of human SOX2 expressed in E. Coli.
Conjugates	Unconjugated
Target Name	SOX2
Other Names	ANOP3; MCOPS3
Accession No.	UniProt:P48431NCBI Gene ID:6657
Calculated MW	34kDa
Formulation	Purified antibody in PBS with 0.05% sodium azide.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

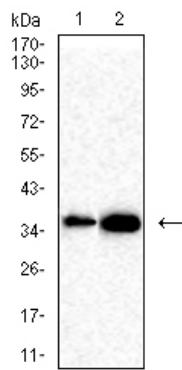
Application Details

WB 1/500-1/1000 IHC 1/200 - 1/1000 IF 1/200 - 1/1000 FC 1/200 - 1/400 ELISA 1/10000

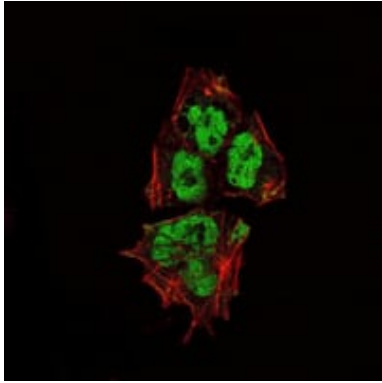
Images



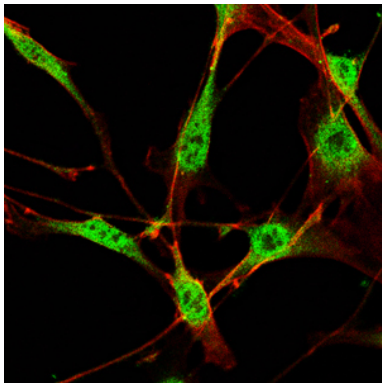
1:1000 dilution of this antibody detected Sox2 on 40ug of cell lysates



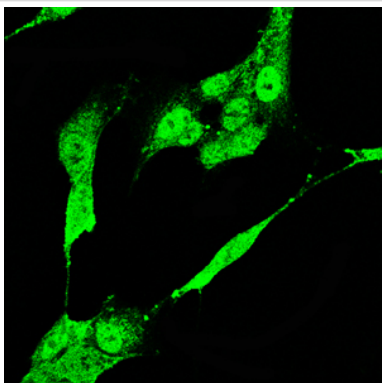
Western blot analysis using SOX2 mouse mAb against C6(1),F9(2) cell lysate.



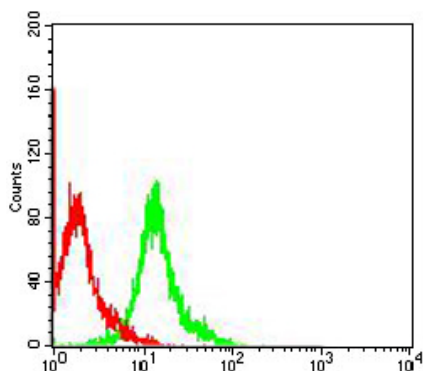
Immunofluorescence analysis of NTERA-2 cells using SOX2 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



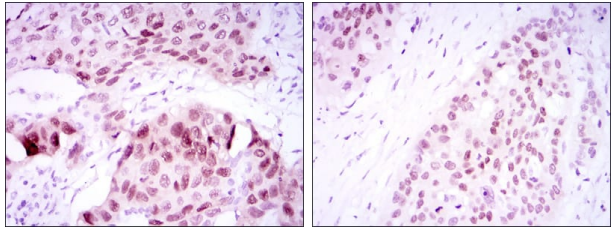
Immunofluorescence analysis of NIH3T3 cells using SOX2 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



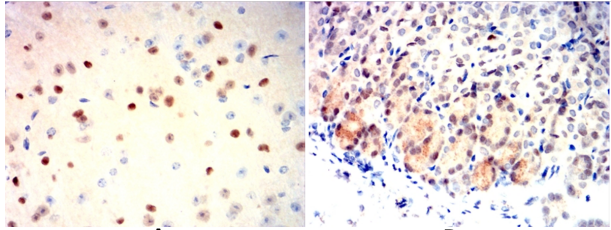
Immunofluorescence analysis of C6 cells using SOX2 mouse mAb (green)



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



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.

Published Papers

el at., Exosomes derived from human mesenchymal stem cells promote gastric cancer cell growth and migration via the activation of the Akt pathway. In Mol Med Rep. On 2016 Oct by Gu H, Ji R et al.. PMID:27513187, , (2016)

[PMID:27513187](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.