

SOX11 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4691
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human SOX11 (AA: 1-250) expressed in E. Coli.
Mol wt	46.7kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	CSS9;MRD27

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The protein may function in the developing nervous system and play a role in tumorigenesis.

Recommended Dilution

WB: 1:500 - 1:2000

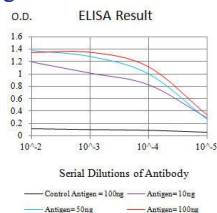
IHC-p: 1:200-1:1000

FCM: 1:200-1:400

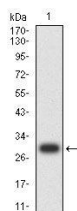
ELISA: 1:10000

Not yet tested in other applications.

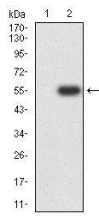
Images



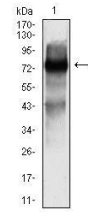
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



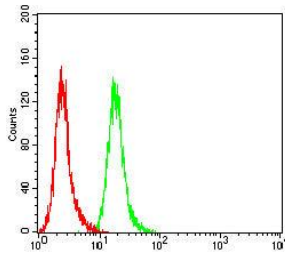
Western blot analysis using SOX11 mAb against human SOX11 (AA: 1-250) recombinant protein. (Expected MW is 29.7 kDa)



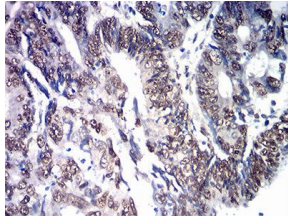
Western blot analysis using SOX11 mAb against HEK293 (1) and SOX11 (AA: 1-250)-hIgGFc transfected HEK293 (2) cell lysate.



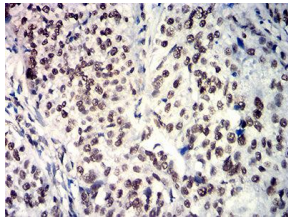
Western blot analysis using SOX11 mouse mAb against Y-79 (1) cell lysate.



Flow cytometric analysis of Hela cells using SOX11 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using SOX11 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using SOX11 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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