

For Research Use Only

SOX10 Monoclonal antibody, PBS Only



Catalog Number: 66786-1-PBS

Basic Information

Catalog Number:

66786-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG23191

GenBank Accession Number:

BC002824

GeneID (NCBI):

6663

UNIPROT ID:

P56693

Full Name:

SRV (sex determining region Y)-box

10

Calculated MW:

50 kDa

Observed MW:

55-60 kDa

Purification Method:

Protein A purification

CloneNo.:

1D2C8

Applications

Tested Applications:

WB, Indirect ELISA, IHC, IF, FC

Species Specificity:

Human, mouse, rat

Background Information

Sox10 is a transcription factor that has a crucial role in complex signalling pathways regulating central nervous system and neural crest development. The calculated molecular weight of SOX10 is 50 kDa, but modified SOX10 is about 55-60 kDa. (PMID: 23799842)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

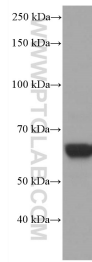
T: 4006900926

E: Proteintech-CN@ptglab.com

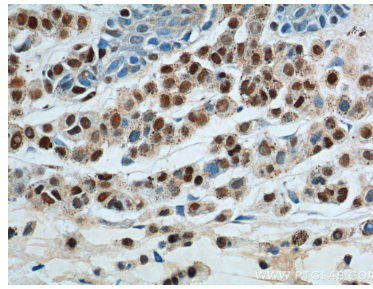
W: ptgcn.com

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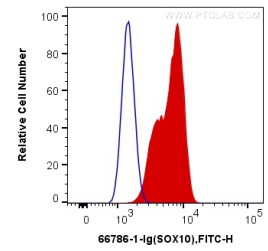
Selected Validation Data



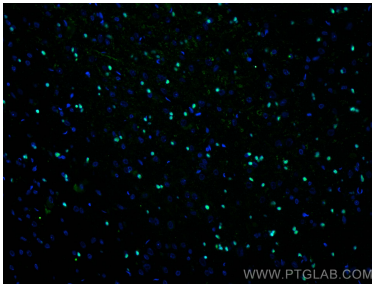
A375 cells were subjected to SDS PAGE followed by western blot with 66786-1-Ig (SOX10 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66786-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 66786-1-Ig (SOX10 antibody) at dilution of 1:300 (under 40x lens). This data was developed using the same antibody clone with 66786-1-PBS in a different storage buffer formulation.



1X10⁶ C6 cells were intracellularly stained with 0.4 ug Anti-Human SOX10 (66786-1-Ig, Clone:1D2C8) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 66786-1-PBS in a different storage buffer



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using SOX10 antibody (66786-1-Ig, Clone: 1D2C8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66786-1-PBS in a different storage buffer formulation.