

For Research Use Only

CoraLite®555-conjugated SOX10 Monoclonal antibody

Catalog Number: CL555-66786



Basic Information

Catalog Number:

CL555-66786

Concentration:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG23191

GenBank Accession Number:

BC002824

GeneID (NCBI):

6663

UNIPROT ID:

P56693

Full Name:

SRY (sex determining region Y)-box

10

Calculated MW:

50 kDa

Observed MW:

55-60 kDa

Purification Method:

Protein A purification

CloneNo.:

1D2C8

Excitation/Emission maxima
wavelengths:

557 nm / 570 nm

Applications

Tested Applications:

FC (Intra)

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

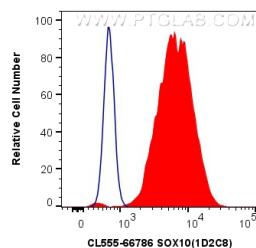
T: 4006900926

E: Proteintech-CN@ptglab.com

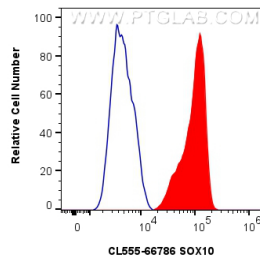
W: ptgcn.com

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Selected Validation Data



1X10⁶ C6 cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human SOX10 (CL555-66786, Clone:1D2C8) (red). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



1X10⁶ A375 cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human SOX10 (CL555-66786, Clone:1D2C8) (red). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).