

For Research Use Only

CoraLite®555-conjugated SOX10 Monoclonal antibody



Catalog Number:CL555-66786

Basic Information

Catalog Number: CL555-66786	GenBank Accession Number: BC002824	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6663	CloneNo.: 1D2C8
Source: Mouse	Full Name: SRY (sex determining region Y)-box 10	Excitation/Emission maxima wavelengths: 557 nm / 570 nm
Isotype: IgG2a	Calculated MW: 50 kDa	
Immunogen Catalog Number: AG23191	Observed MW: 55-60 kDa	

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

*** 20ul sizes contain 0.1% BSA

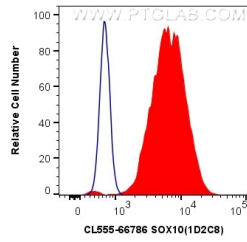
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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