

For Research Use Only

# CoraLite®555-conjugated SOX10 Monoclonal antibody

Catalog Number:CL555-66786



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL555-66786	BC002824	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 µg/ml by Nanodrop;	6663	1D2C8
Source:	UNIPROT ID:	Excitation/Emission maxima wavelengths:
Mouse	P56693	557 nm / 570 nm
Isotype:	Full Name:	
IgG2a	SRV (sex determining region Y)-box 10	
Immunogen Catalog Number:	Calculated MW:	
AG23191	50 kDa	
	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)

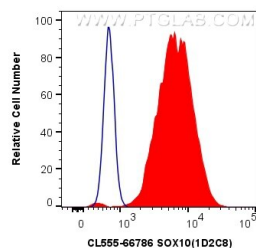
## Storage

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

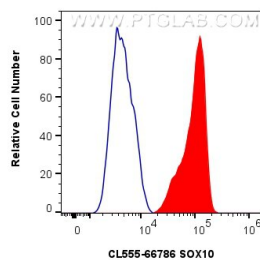
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



1X10<sup>6</sup> 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).



1X10<sup>6</sup> 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).