

For Research Use Only

CoraLite® Plus 488-conjugated SOX2 Monoclonal antibody



Catalog Number: **CL488-66411**

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-66411	BC013923	Protein G purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 µg/ml by Nanodrop;	6657	4B9B10
Source:	Full Name:	Recommended Dilutions:
Mouse	SRY (sex determining region Y)-box 2	IF 1:50-1:500
Isotype:	Calculated MW:	Excitation/Emission maxima wavelengths:
IgG1	34 kDa	493 nm / 522 nm
Immunogen Catalog Number:	Observed MW:	
AG13635	34-40 kDa	

Applications

Tested Applications:	Positive Controls:
IF	IF : mouse brain tissue,
Species Specificity:	
human, pig, mouse	

Background Information

Sox2, also known as SRY (sex determining region Y)-box 2, is a transcription factor essential for maintaining self-renewal of undifferentiated ES cells and is one of the key transcription factors used to reprogram mouse and human fibroblasts to a pluripotent state. Sox2 expressed in undifferentiated pluripotent stem cells and germ cells during development. This antibody is raised against an internal region of human SOX2. And the antibody is conjugated with CL488, Ex/Em 488 nm/515 nm.

Storage

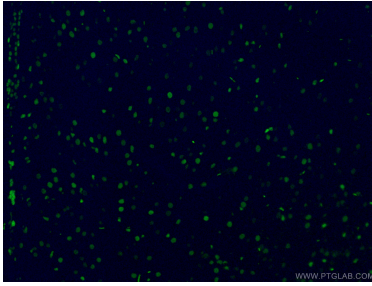
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CL488-66411 (SOX2 antibody) at dilution of 1:50.