

For Research Use Only

CoraLite®594-conjugated Calbindin-D28k Monoclonal antibody

Catalog Number:CL594-66394



Basic Information

Catalog Number: CL594-66394	GenBank Accession Number: BC006478	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 793	CloneNo.: 1F8B9
Source: Mouse	UNIPROT ID: P05937	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG1	Full Name: calbindin 1, 28kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG5861	Calculated MW: 30 kDa	

Applications

Tested Applications:
IF-P

Species Specificity:
human, mouse, rat

Positive Controls:

IF-P : mouse cerebellum tissue,

Background Information

Calbindin-D28k is a member of the calcium-binding protein superfamily that includes calmodulin and troponin C. It is a cytosolic calcium binding protein highly expressed in the distal tubule, intestines, central nervous system, primary murine osteoblast cells and in several other organs. It plays an important role in the intracellular calcium homeostasis, its strong buffering capacity prevents cytotoxic effect of high concentration of free calcium in kidney, brain, pancreas, and intestine.

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

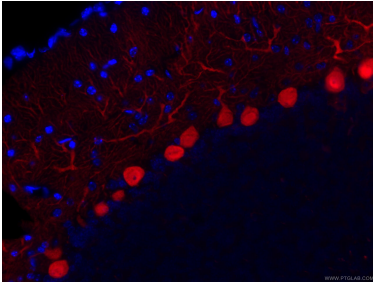
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

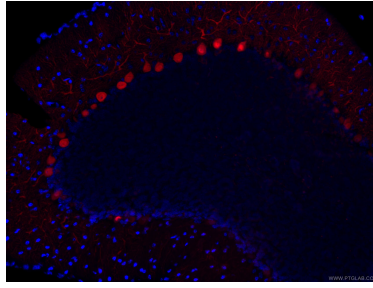
E: proteintech@ptglab.com
W: ptglab.com

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 cerebellum tissue using CL594-66394 (Calbindin-D28k antibody) at dilution of 1:100.



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