

For Research Use Only

CoraLite® Plus 488-conjugated Calretinin Monoclonal antibody



Catalog Number: CL488-66496

Basic Information

Catalog Number: CL488-66496	GenBank Accession Number: BC015484	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 794	CloneNo.: 2D7A9
Source: Mouse	UNIPROT ID: P22676	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Full Name: calbindin 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG2924	Calculated MW: 29 kDa	
	Observed MW: 29 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : SH-SY5Y cells,
Species Specificity: Human, mouse, pig, rat	

Background Information

Calbindin 2 (calretinin), is an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Calretinin is a useful marker for differentiating malignant mesothelioma from carcinomas.

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:

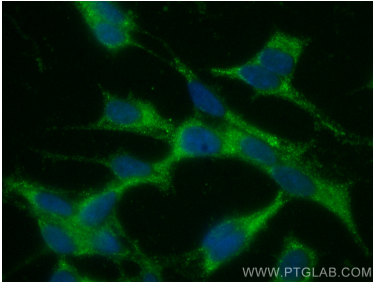
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using CoraLite® Plus 488 Calretinin antibody (CL488-66496, Clone: 2D7A9) at dilution of 1:200.