

For Research Use Only

Calretinin Recombinant antibody, PBS Only



Catalog Number: 82811-1-PBS

Basic Information

Catalog Number: 82811-1-PBS	GenBank Accession Number: BC015484	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 794	CloneNo.: 2F20
Source: Rabbit	UNIPROT ID: P22676	
Isotype: IgG	Full Name: calbindin 2	
Immunogen Catalog Number: AG2924	Calculated MW: 29 kDa	
	Observed MW: 29 kDa	

Applications

Tested Applications:
WB, IF, Indirect ELISA

Species Specificity:
Human, mouse, rat, pig

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

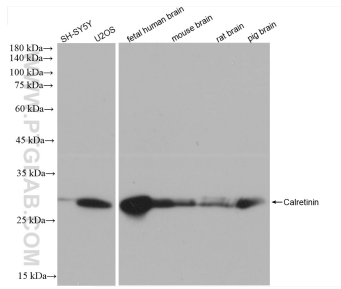
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

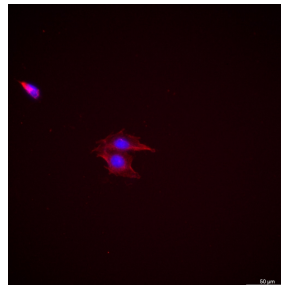
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82811-1-RR (Calretinin antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82811-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using Calretinin antibody (82811-1-RR, Clone: 2F20) at dilution of 1:250 and Multi-rAb CoraLite® Plus 594-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR004). This data was developed using the same antibody clone with 82811-1-PBS in a different storage buffer formulation.