

For Research Use Only

CoraLite® Plus 488-conjugated Calbindin-D28k Polyclonal antibody



Catalog Number: **CL488-14479**

Featured Product

Basic Information

Catalog Number: CL488-14479	GenBank Accession Number: BC006478	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 793	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: calbindin 1, 28kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 30 kDa	
Immunogen Catalog Number: AG5861		

Applications

Tested Applications: IF	Positive Controls: IF : human kidney tissue,
Species Specificity: human, mouse, rat	

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

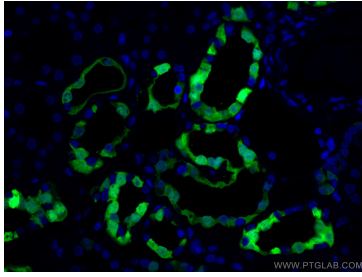
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

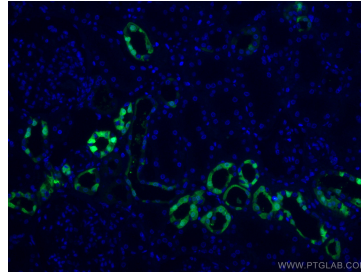
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human kidney tissue using Coralite® Plus 488 Calbindin-D28k antibody (CL488-14479) at dilution of 1:200.



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