

For Research Use Only

CoraLite® Plus 488-conjugated CNNM4 Recombinant antibody

Catalog Number: CL488-83824-5



Basic Information

Catalog Number: CL488-83824-5	GenBank Accession Number: BC063295	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 26504	CloneNo.: 240873C1
Source: Rabbit	UNIPROT ID: Q6P4Q7	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: cyclin M4	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG5121	Calculated MW: 87 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : MCF-7 cells,
Species Specificity: human	

Background Information

Ancient conserved domain-containing protein 4/cyclin M4 (CNNM4), a membrane protein that stimulates Mg²⁺ efflux, binds phosphatase of regenerating liver (PRL), which is frequently overexpressed in malignant human cancers (PMID: 25347473). CNNM4 is predominant in the brain, bone marrow, immune system, and especially abundant in the intestinal tract. CNNM4 localizes at the basolateral membrane of the intestinal epithelia and mediates transcellular Mg²⁺ transport (PMID: 27006114).

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

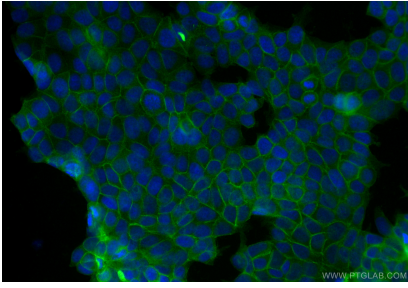
For technical support and original validation data for this product please contact:

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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 (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 CNNM4 antibody (CL488-83824-5, Clone: 240873C1) at dilution of 1:200.