

For Research Use Only

# CoraLite® Plus 488-conjugated Nectin-4/PVRL4 Recombinant monoclonal antibody

Catalog Number: CL488-83223-4



## Basic Information

<b>Catalog Number:</b> CL488-83223-4	<b>GenBank Accession Number:</b> BC010423	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 81607	<b>CloneNo.:</b> 240009F2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96NY8	<b>Recommended Dilutions:</b> IF/ICC: 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> poliovirus receptor-related 4	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> EG0415	<b>Calculated MW:</b> 510 aa, 55 kDa	

## Applications

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

## Background Information

Nectin-4, or PVRL4, belongs to the family of cell adhesion molecules that regulate the formation of adherence functions in epithelial cells through the AF-6 afadin scaffold molecule. Nectin-4 is reported as a histological and serological marker for breast carcinoma. Nectin-4 can be detected as a soluble form of 43 kDa and a transmembrane form of 66 kDa (PMID: 15784625).

## Storage

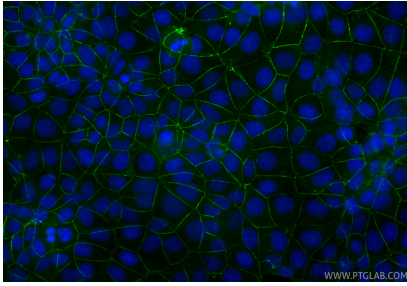
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 Nectin-4/PVRL4 antibody (CL488-83223-4, Clone: 240009F2 ) at dilution of 1:200.