

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

Catalog Number:**CL488-83223-4**

## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-83223-4	BC010423	Protein A purification
Source:	GenelD (NCBI):	CloneNo.:
Rabbit	81607	240009F2
Isotype:	UNIPROT ID:	Recommended Dilutions:
IgG	Q96NY8	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	Full Name:	Excitation/Emission maxima wavelengths:
EG0415	poliovirus receptor-related 4	493 nm / 522 nm
	Calculated MW:	
	510 aa, 55 kDa	

## Applications

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

human

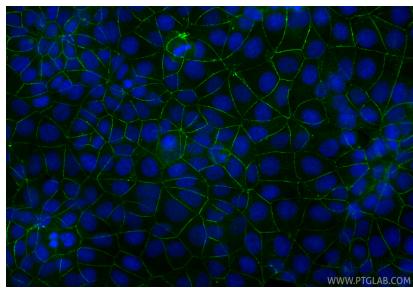
## Background Information

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**

## 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.