

For Research Use Only

Nectin-4/PVRL4 Recombinant antibody

Catalog Number: 83223-4-RR



Basic Information

Catalog Number:

83223-4-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC010423

GeneID (NCBI):

81607

UNIPROT ID:

Q96NY8

Full Name:

poliovirus receptor-related 4

Calculated MW:

510 aa, 55 kDa

Purification Method:

Protein A purification

CloneNo.:

240009F2

Recommended Dilutions:

IF/ICC 1:50-1:500

Affinity:

$K_D = 2.28 \times 10^{-10}$

$K_{off} = 2.98 \times 10^{-5}$

$K_{on} = 2.62 \times 10^5$

Applications

Tested Applications:

IF/ICC, FC, ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : MCF-7 cells,

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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

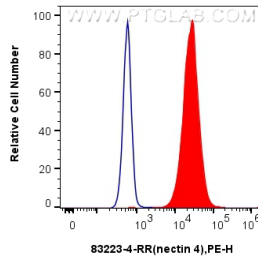
T: 4006900926

E: Proteintech-CN@ptglab.com

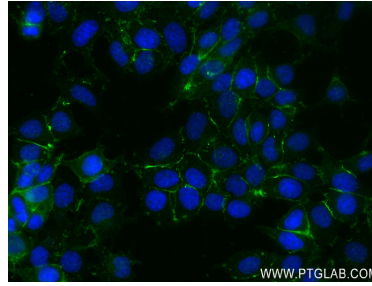
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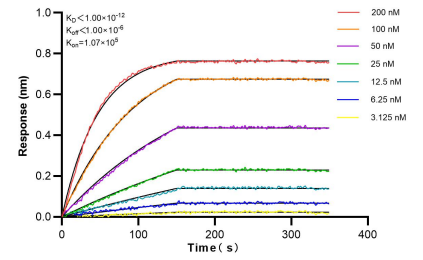
Selected Validation Data



1x10⁶ MCF-7 cells were surface stained with 0.25 ug Nectin-4/PVRL4 Recombinant Antibody (83223-4-RR, Clone: 240009F2) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were not fixed.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using Nectin-4/PVRL4 antibody (83223-4-RR, Clone: 240009F2) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83223-4-RR against Human Nectin-4/PVRL4 were performed. The affinity constant is below 1 pM.