

For Research Use Only

Nectin-4/PVRL4 Recombinant antibody



Catalog Number: 83223-4-RR

Basic Information

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|--------------------------------------|--|--|
| Catalog Number: 83223-4-RR | GenBank Accession Number: BC010423 | Purification Method: Protein A purification |
| Size: 1000 μ g/ml | GeneID (NCBI): 81607 | CloneNo.: 240009F2 |
| Source: Rabbit | UNIPROT ID: Q96NY8 | Recommended Dilutions: IF/ICC 1:50-1:500 |
| Isotype: IgG | Full Name: poliovirus receptor-related 4 | Affinity: $K_D = 2.28 \times 10^{-10}$ |
| | Calculated MW: 510 aa, 55 kDa | $K_{off} = 2.98 \times 10^{-5}$ $K_{on} = 2.62 \times 10^5$ |

Applications

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| Tested Applications: IF/ICC, FC, ELISA | Positive Controls: 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 . 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:

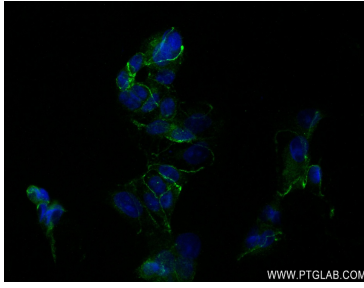
T: 4006900926

E: Proteintech-CN@ptglab.com

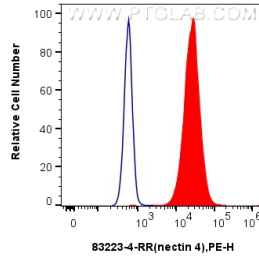
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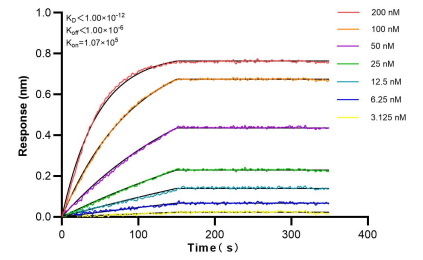
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using Nectin-4/PVRL4 antibody (83223-4-RR, Clone: 240009F2) at dilution of 1:150 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1×10^6 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.



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