

For Research Use Only

CD81 Recombinant antibody, PBS Only

Catalog Number: 84644-2-PBS



Basic Information

Catalog Number:

84644-2-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_004356.4

GeneID (NCBI):

975

ENSEMBL Gene ID:

ENSG00000110651

UNIPROT ID:

P60033

Full Name:

CD81 molecule

Calculated MW:

26kDa

Purification Method:

Protein A purification

CloneNo.:

241722G4

Applications

Tested Applications:

IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

CD81 (also known as TAPA1 or TSPAN28) is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Many of these members are expressed on leukocytes and have been implicated in signal transduction, cell-cell interactions, and cellular activation and development. CD81 is involved in signal transduction and cell adhesion in the immune system (PMID: 9597125). CD81 has also been identified as an essential receptor for HCV (hepatitis C virus) (PMID: 21428934).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

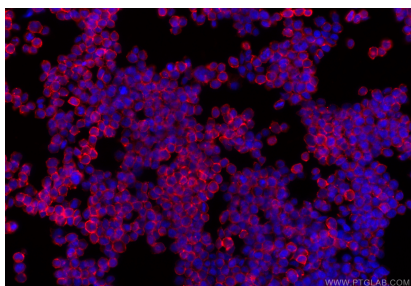
T: 4006900926

E: Proteintech-CN@ptglab.com

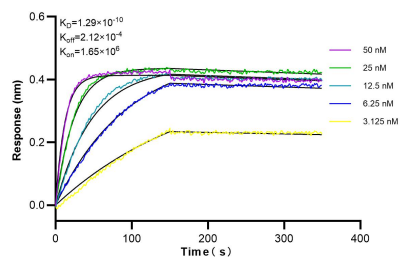
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CD81 antibody (84644-2-RR, Clone: 241722G4) at dilution of 1:500 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4). This data was developed using the same antibody clone with 84644-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84644-2-RR against Human CD81 were performed. The affinity constant is 0.129 nM.