

For Research Use Only

CD81 Recombinant antibody

Catalog Number: 84644-1-RR **Featured Product**



Basic Information

Catalog Number: 84644-1-RR	GenBank Accession Number: NM_004356.4	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 975	CloneNo.: 241722B8
Source: Rabbit	ENSEMBL Gene ID: ENSG00000110651	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	UNIPROT ID: P60033	
	Full Name: CD81 molecule	
	Calculated MW: 26 kDa	
	Observed MW: 20-25 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human	WB : Raji cells, HCT 116 cells, Ramos cells, Daudi cells, Jurkat cells, THP-1 cells, K-562 cells

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

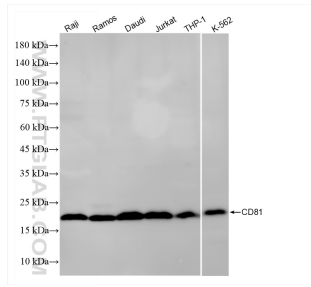
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

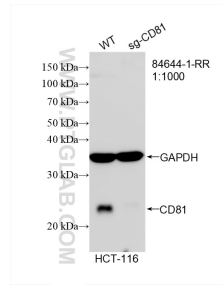
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

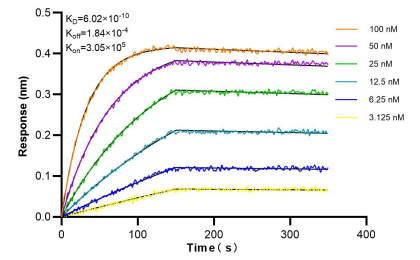
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84644-1-RR (CD81 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of CD81 antibody (84644-1-RR; 1:1000; room temperature for 1.5 hours) with wild-type and CD81 knockout HCT 116 cells.



Biacore BLI kinetic assays of 84644-1-RR against Human CD81 were performed. The affinity constant is 0.602 nM.