

For Research Use Only

CD81 Recombinant antibody

Catalog Number: 86263-1-RR



Basic Information

Catalog Number:	86263-1-RR	GenBank Accession Number:	NM_133655.2	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenelD (NCBI):	12520	CloneNo.:	250340F7
Source:	Rabbit	UNIPROT ID:	P35762	Recommended Dilutions:	WB: 1:1000-1:4000
Isotype:	IgG	Full Name:	CD81 antigen		
Immunogen Catalog Number:	EG3833	Calculated MW:	26 kDa		
		Observed MW:	20 kDa		

Applications

Tested Applications:	Positive Controls:
WB, ELISA	WB: mouse brain tissue,
Species Specificity:	
mouse	

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

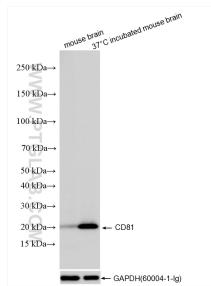
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86263-1-RR (CD81 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.