

For Research Use Only

Mouse CD81 Recombinant antibody, PBS Only

Catalog Number: 86263-1-PBS



Basic Information

Catalog Number: 86263-1-PBS	GenBank Accession Number: NM_133655.2	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 12520	CloneNo.: 250340F7
Source: Rabbit	UNIPROT ID: P35762	
Isotype: IgG	Full Name: CD81 antigen	
Immunogen Catalog Number: EG3833	Calculated MW: 26 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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

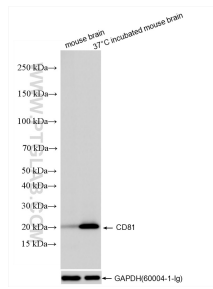
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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)
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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. This data was developed using the same antibody clone with 86263-1-PBS in a different storage buffer formulation.