

For Research Use Only

# CD81 Polyclonal antibody

Catalog Number: 27855-1-AP

Featured Product

42 Publications



## Basic Information

**Catalog Number:**

27855-1-AP

**Size:**

650 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG27298

**GenBank Accession Number:**

BC002978

**GeneID (NCBI):**

975

**ENSEMBL Gene ID:**

ENSG00000110651

**UNIPROT ID:**

P60033

**Full Name:**

CD81 molecule

**Calculated MW:**

26 kDa

**Observed MW:**

23 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

IHC, WB

**Species Specificity:**

Human, Mouse, Rat

**Cited Species:**

human, rat, mouse

**Positive Controls:**

WB: Raji cells, mouse brain tissue, rat brain tissue, Jurkat 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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Jorge Lascano	36084115	PLoS One	WB
Xiaoshuang Li	36182945	Biol Res	WB
Montserrat Carrascal	34599510	J Pathol	WB

## 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:

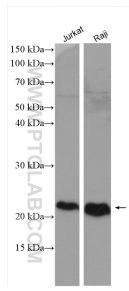
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Jurkat cells and Raji cells were subjected to SDS PAGE followed by western blot with 27855-1-AP (CD81 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.