

For Research Use Only

# CD81 Polyclonal antibody

Catalog Number: 18250-1-AP

13 Publications



## Basic Information

Catalog Number:

18250-1-AP

Size:

150ul, Concentration: 353 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13036

GenBank Accession Number:

BC002978

GeneID (NCBI):

975

Full Name:

CD81 molecule

Calculated MW:

26 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, ELISA

Cited Applications:

IHC

Species Specificity:

human

Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

IHC : human tonsillitis tissue,

## 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
Guozhen Wang	34507947	J Immunol	
Jingyou Yu	26387945	Cell Rep	
Guozhen Wang	34743181	Cell Death Discov	

## 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

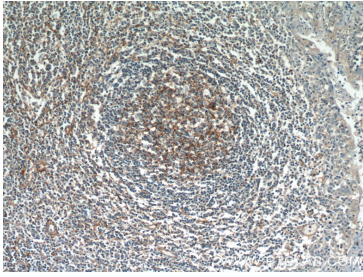
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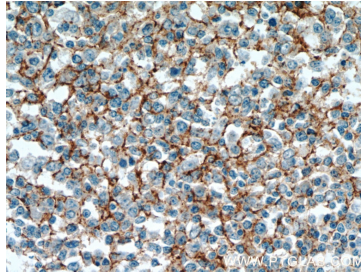
E: proteintech@ptglab.com  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis using 18250-1-AP (CD81 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis using 18250-1-AP (CD81 antibody) at dilution of 1:200 (under 40x lens).