

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD81

Numéro de catalogue: 66866-1-Ig **98 Publications**



## Informations de base

Numéro de catalogue: 66866-1-Ig	Numéro d'acquisition GenBank: BC002978	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop and 461 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 975	CloneNo.: 1G2C6
Hôte: Mouse	Nom complet: CD81 molecule	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:500-1:2000 IF 1:600-1:2400
Isotype: IgG1	MW calculé: 26 kDa	
Immunogen Catalog Number: AG27298	MW observés: 22 kDa	

## Applications

Applications testées:  
FC, IF, IHC, WB, ELISA

Demandes citées:  
FC, IF, WB

Spécificité de l'espèce:  
Humain

Espèces citées:  
Humain, porc

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules Raji, cellules Jurkat, cellules Ramos, cellules THP-1 traitées au LPS

IHC : tissu d'amygdalite humain,

IF : tissu d'amygdalite humain,

## Informations générales

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).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Folnetti A Alvarez	36114323	Breast Cancer Res Treat	WB
Haiyu Li	31595161	Int J Biol Sci	WB
Nazli Khodayari	32887613	Cell Commun Signal	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

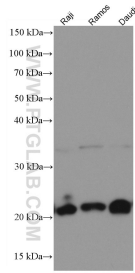
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

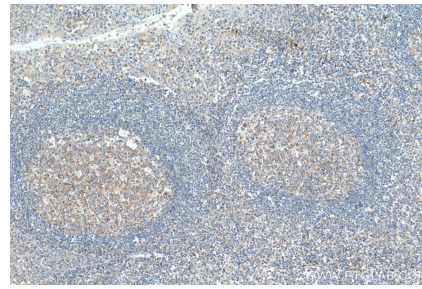
E: proteintech@ptglab.com  
W: ptglab.com

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

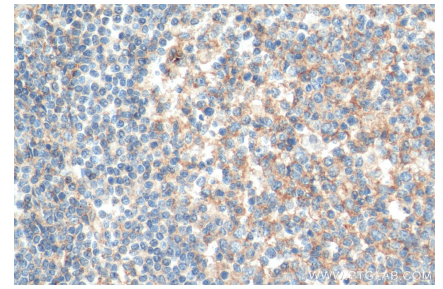
## Données de validation sélectionnées



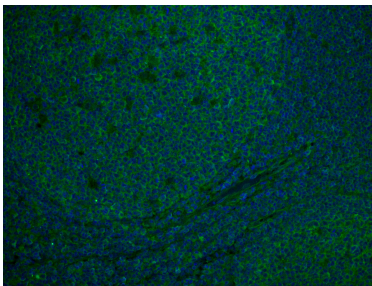
Various lysates were subjected to SDS PAGE followed by western blot with 66866-1-Ig (CD81 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



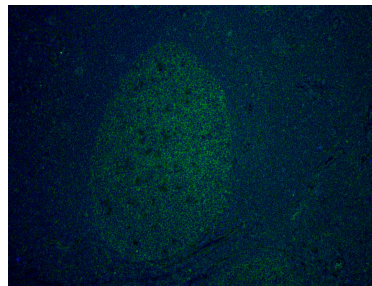
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66866-1-Ig (CD81 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



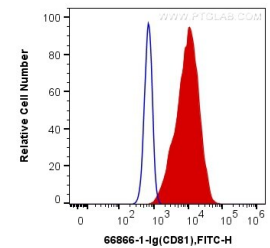
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66866-1-Ig (CD81 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD81 antibody (66866-1-Ig, Clone: 1G2C6) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD81 antibody (66866-1-Ig, Clone: 1G2C6) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10<sup>6</sup> Jurkat cells were surface stained with 0.4 ug Anti-Human CD81 (66866-1-Ig, Clone: 1G2C6) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were not fixed.