

Nur für Forschungszwecke

# CD81 Monoklonaler Antikörper

Katalog-Nr.: 66866-1-Ig **90 Publikationen**



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66866-1-Ig	<b>GenBank-Zugangsnummer:</b> BC002978	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul, Konzentration: 1000 µg/ml von 975 Nanodrop und 461 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> von 975	<b>CloneNo.:</b> 1G2C6
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> CD81 molecule	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:6000 IHC 1:500-1:2000 IF 1:600-1:2400
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 26 kDa	
<b>Immunogen Katalognummer:</b> AG27298	<b>Beobachtete Masse:</b> 22 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IF, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB: Raji-Zellen, Jurkat-Zellen, mit LPS behandelte THP-1-Zellen, Ramos-Zellen IHC: humanes Tonsillitisgewebe, IF: humanes Tonsillitisgewebe,
<b>In Publikationen genannte Anwendungen:</b> FC, IF, WB	
<b>Getestete Reaktivität:</b> Human	
<b>Zitierte Arten:</b> Hausschwein, Human	
<b>Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

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).

## Bemerkenswerte Veröffentlichungen

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

## Lagerung

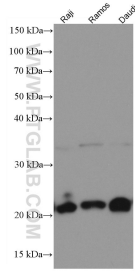
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

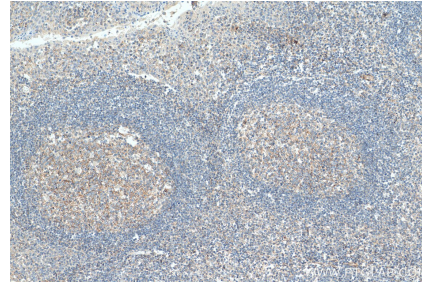
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

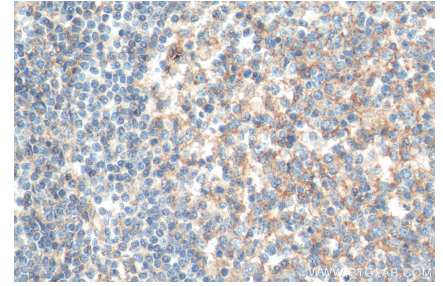
## Ausgewählte Validierungsdaten



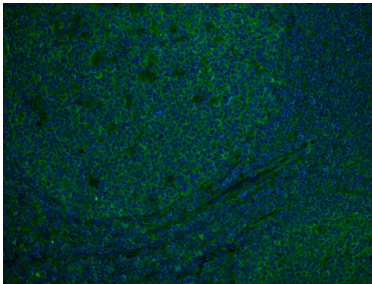
Various lysates were subjected to SDS PAGE followed by western blot with 66866-1-Ig (CD81 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



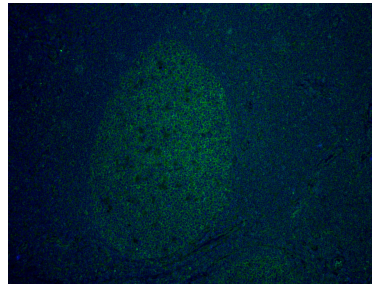
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66866-1-Ig (CD81 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



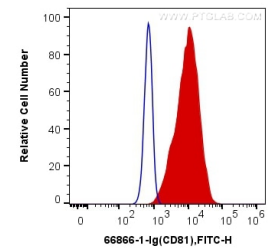
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66866-1-Ig (CD81 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



$1 \times 10^6$  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.