

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD82

Numéro de catalogue: 66803-1-Ig **1 Publications**



## Informations de base

Numéro de catalogue: 66803-1-Ig	Numéro d'acquisition GenBank: BC000726	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3732	CloneNo.: 1E7A4
Hôte: Mouse	Nom complet: CD82 molecule	Dilutions recommandées: WB 1:1000-1:5000 IHC 1:1000-1:4000 IF 1:200-1:800
Isotype: IgG2a	MW calculé: 30 kDa	
Immunogen Catalog Number: AG17513	MW observés: 48 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IHC

### Spécificité de l'espèce:

Humain, souris

### Espèces citées:

Humain

**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 MCF-7, cellules Jurkat, cellules K-562, cellules Raji, cellules RAW 264.7

IHC : tissu d'amygdalite humain,

IF : tissu d'amygdalite humain,

## Informations générales

CD82 is a membrane glycoprotein and belongs to the tetraspanin superfamily, many of which are implicated in the regulation of cell motility, morphology, fusion, signaling, fertilization, and differentiation. CD82 was originally identified as a suppressor of metastasis located on human chromosome 11p11.2 in prostate carcinoma. The majority of evidence indicates that CD82 expression is downregulated or abolished in a variety of malignant tumors. CD82 is present at high levels in human monocyte and macrophage lineages and in various epithelial cells in the prostate, lung, pancreas and many other tissues. In epithelial cells, CD82 is implicated in diverse biological processes such as cell adhesion, migration, apoptosis and morphogenesis.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Lifei Yang	35728771	J Proteomics	IHC

## 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.**

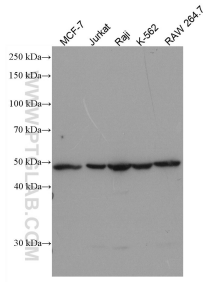
For technical support and original validation data for this product please contact:

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

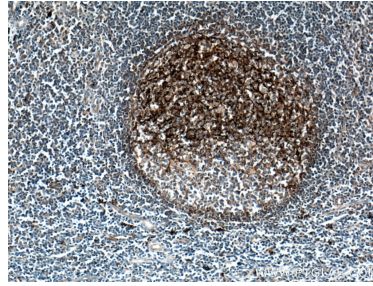
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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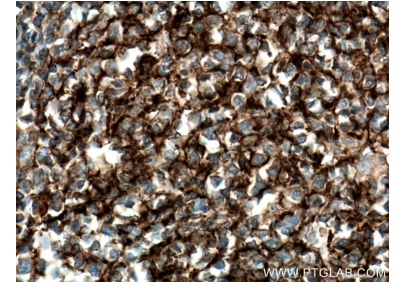
## Données de validation sélectionnées



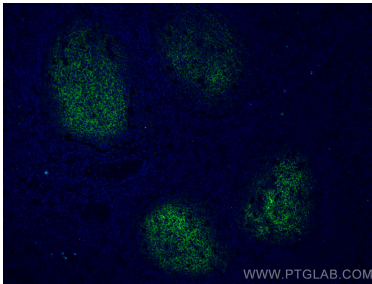
Various lysates were subjected to SDS PAGE followed by western blot with 66803-1-Ig (CD82 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



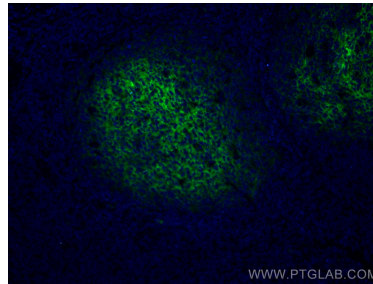
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66803-1-Ig (CD82 antibody) at dilution of 1:2000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66803-1-Ig (CD82 antibody) at dilution of 1:2000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD82 antibody (66803-1-Ig, Clone: 1E7A4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD82 antibody (66803-1-Ig, Clone: 1E7A4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).