

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD63

Numéro de catalogue: 67605-1-Ig **30 Publications**



## Informations de base

Numéro de catalogue: 67605-1-Ig	Numéro d'acquisition GenBank: BC002349	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 967	CloneNo.: 3D4D1
Hôte: Mouse	Nom complet: CD63 molécule	Dilutions recommandées: WB 1:5000-1:10000 IHC 1:350-1:1400 IF 1:200-1:800
Isotype: IgG1	MW calculé: 26 kDa	
Immunogen Catalog Number: AG19690	MW observés: 35 kDa	

## Applications

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

Demandes citées:  
FC, WB

Spécificité de l'espèce:  
Humain

Espèces citées:  
Chèvre, Humain, rat

Contrôles positifs:

WB : cellules HeLa, cellules A549, cellules HUVEC, cellules K-562, cellules LNCaP, cellules MCF-7, cellules THP-1, cellules U2OS

IHC : tissu d'amygdalite humain, tissu de cancer du côlon humain, tissu de mélanome malin humain

IF : tissu d'amygdalite humain, tissu de lymphome humain, tissu de mélanome malin humain

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

## Informations générales

CD63 is a 30-60 kDa lysosomal membrane protein that belongs to the tetraspanin family. This protein plays many important roles in immuno-physiological functions. It mediates signal transduction events that play a role in the regulation of cell development, activation and motility. CD63 is expressed on activated platelets, thus it may function as a blood platelet activation marker. CD63 is a lysosomal membrane glycoprotein that is translocated to plasma membrane after platelet activation. The CD63 tetraspanin is highly expressed in the early stages of melanoma and decreases in advanced lesions, suggesting it as a possible suppressor of tumor progression. Deficiency of this protein is associated with Hermansky-Pudlak syndrome.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yunfei Chen	32966240	Aging (Albany NY)	WB
Na-Na Sun	34483252	Chin Med J (Engl)	WB
Hongtao Wang	36277890	Biomed Res Int	WB

## Stockage

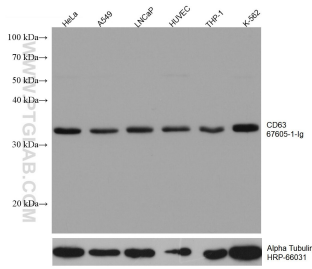
Stockage:  
Stocker à -20°C. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

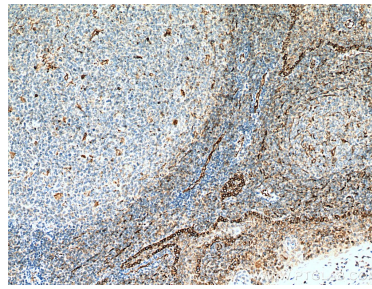
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

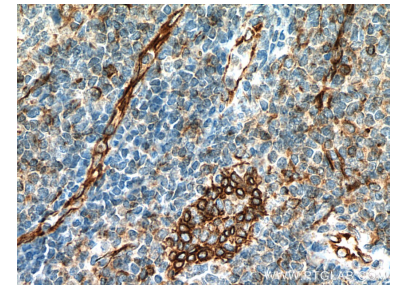
## Données de validation sélectionnées



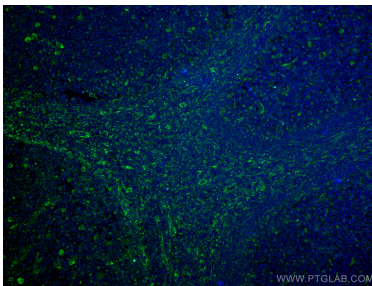
Various lysates were subjected to SDS PAGE followed by western blot with 67605-1-Ig (CD63 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



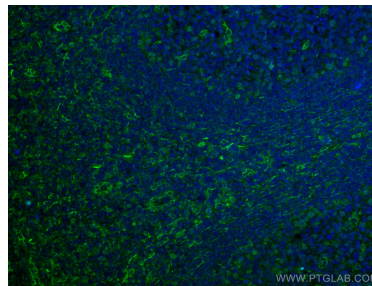
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67605-1-Ig (CD63 antibody) at dilution of 1:700 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



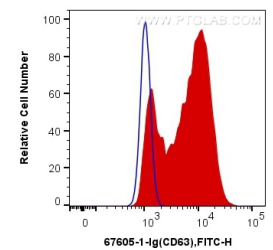
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67605-1-Ig (CD63 antibody) at dilution of 1:700 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD63 antibody (67605-1-Ig, Clone: 3D4D1) 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 CD63 antibody (67605-1-Ig, Clone: 3D4D1) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



$1 \times 10^6$  THP-1 cells were surface stained with 0.4 ug Anti-Human CD63 (67605-1-Ig, Clone:3D4D1) 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.