

Allgemeine Informationen

Katalog-Nr.: 67605-1-Ig	GenBank-Zugangsnummer: BC002349	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von967 Nanodrop;	GeneID (NCBI): CD63 molecule	CloneNo.: 3D4D1
Wirt: Maus	Vollständiger Name: CD63 molecule	Empfohlene Verdünnungen: WB 1:5000-1:10000 IHC 1:350-1:1400 IF 1:200-1:800
Isotyp: IgG1	Berechnete Masse: 26 kDa	
Immunogen Katalognummer: AG19690	Beobachtete Masse: 35 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Ratte, Ziege

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

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

IHC : humanes Tonsillitisgewebe, humanes Kolonkarzinomgewebe, humanes malignes Melanomgewebe

IF : humanes Tonsillitisgewebe, humanes Lymphomgewebe, humanes malignes Melanomgewebe

Hintergrundinformationen

CD63, known as LAMP-3, 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 mediate 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.

Bemerkenswerte Veröffentlichungen

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

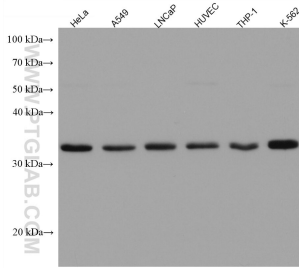
For technical support and original validation data for this product please contact:

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

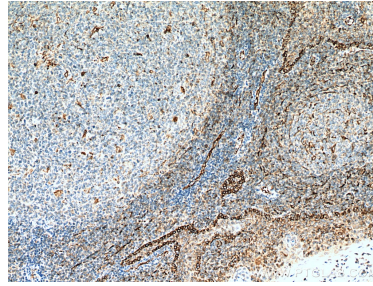
E: proteintech@ptglab.com
W: ptglab.com

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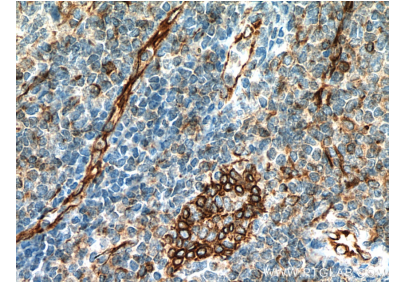
Ausgewählte Validierungsdaten



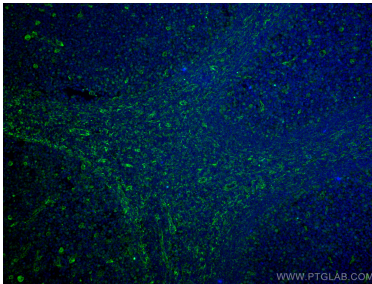
Various lysates were subjected to SDS PAGE followed by western blot with 67605-1-Ig (CD63 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



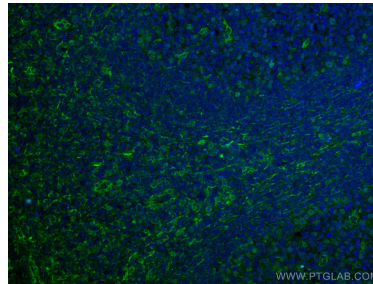
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67605-1-Ig (CD63 antibody) at dilution of 1:700 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



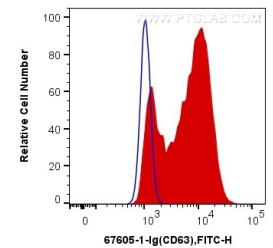
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67605-1-Ig (CD63 antibody) at dilution of 1:700 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



1×10^6 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.