

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 25682-1-AP	<b>GenBank-Zugangsnummer:</b> BC002349	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 1000 µg/ml von967 Nanodrop;	<b>GeneID (NCBI):</b> CD63 molecule	<b>Empfohlene Verdünnungen:</b> WB 1:200-1:1000 IHC 1:400-1:1600 IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> CD63 molecule	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 26 kDa	
<b>Immunogen Katalognummer:</b> AG19690	<b>Beobachtete Masse:</b> 28-35 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, WB, ELISA

### In Publikationen genannte Anwendungen:

FC, IF, IHC, WB

### Getestete Reaktivität:

Human

### Zitierte Arten:

Hausschwein, Human, Hund, Zebrafisch

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

### Positivkontrollen:

WB : humane Serumexosome,

IHC : humanes malignes Melanomgewebe, humanes Lymphomgewebe, humanes Tonsillitisgewebe

IF : humanes malignes Melanomgewebe,

## Hintergrundinformationen

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, growth, 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
Yong Chen	36224027	Front Biosci (Landmark Ed)	WB
Xinyan Zhou	36171212	Nat Commun	WB
Jingming Zhuang	36161709	Andrology	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**

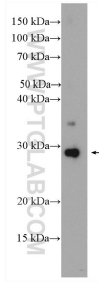
For technical support and original validation data for this product please contact:

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

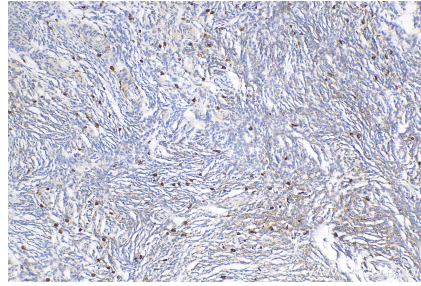
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

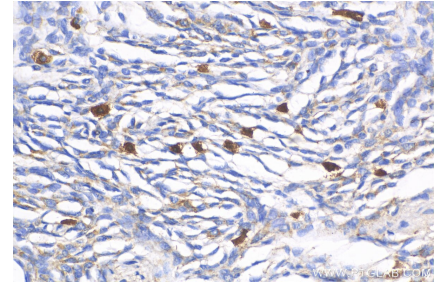
## Ausgewählte Validierungsdaten



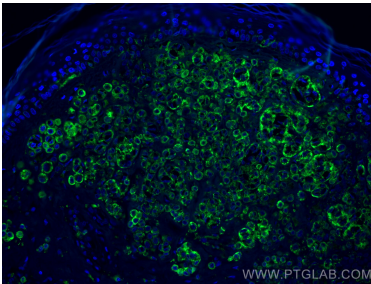
Human serum exosomes were subjected to SDS PAGE followed by western blot with 25682-1-AP (CD63 antibody) at dilution of 1:300 incubated at 4 degree celsius over night.



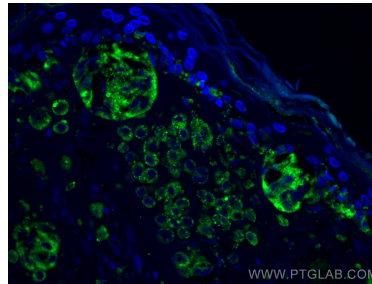
Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 25682-1-AP (CD63 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 25682-1-AP (CD63 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human malignant melanoma tissue using CD63 antibody (25682-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human malignant melanoma tissue using CD63 antibody (25682-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).