

Nur für Forschungszwecke

# CD59 Polyklonaler Antikörper

Katalog-Nr.:10742-1-AP

Vorgestelltes Produkt

8 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 10742-1-AP	<b>GenBank-Zugangsnummer:</b> BC001506	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 300 µg/ml von Nanodrop und 133 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 966	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IHC 1:50-1:500 IF 1:10-1:100
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> CD59 molecule, complement regulatory protein	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 19 kDa	
<b>Immunogen Katalognummer:</b> AG1173	<b>Beobachtete Masse:</b> 18-20 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IF, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : BxPC-3-Zellen, HeLa-Zellen, humanes Hirngewebe, HUVEC-Zellen IHC : humanes Plazenta-Gewebe, humanes Tonsillitisgewebe IF : BxPC-3-Zellen,
<b>In Publikationen genannte Anwendungen:</b> IF, IHC, WB	
<b>Getestete Reaktivität:</b> Human	
<b>Zitierte Arten:</b> Human	
<b>Hinweis-IHC: Antigenmaskierung mit TE- Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

CD59, also named as MIC11, MIN1, MIN2, MIN3, MSK21, MIRL, MAC1F, HRF20 and 1F5 antigen, is a cell surface molecule glycoprotein with MW 18-25 kDa. It acts as a determinant of proximal-distal cell identity. CD59 acts by binding to the C8 and/or C9 complements of the assembling membrane attack complex (MAC), thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. It is involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
S Nishiyama	29114578	Biochem Biophys Rep	WB
Yingchun Zhang	31091357	Clin Exp Immunol	WB
Wang Yongjun Y	21464923	PLoS One	WB

## Lagerung

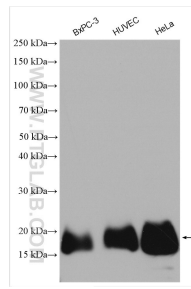
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

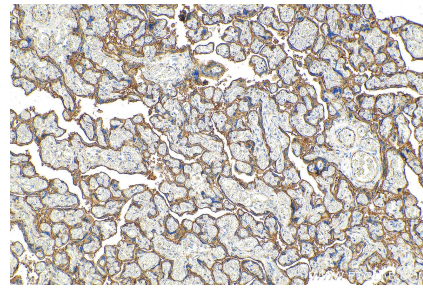
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

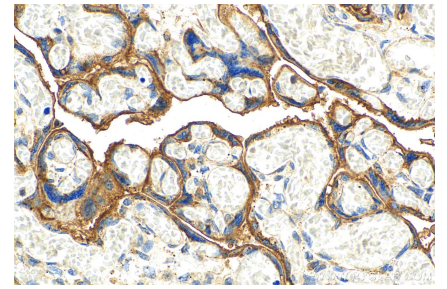
## Ausgewählte Validierungsdaten



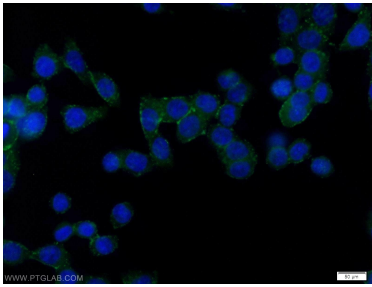
Various lysates were subjected to SDS PAGE followed by western blot with 10742-1-AP (CD59 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



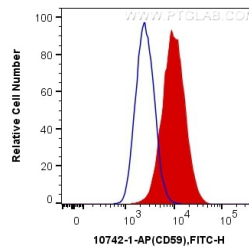
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 10742-1-AP (CD59 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 10742-1-AP (CD59 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of BxPC-3 cells using 10742-1-AP (CD59 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1x10<sup>6</sup> Jurkat cells were intracellularly stained with 0.4 ug Anti-Human CD59 (10742-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug x. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).