

Nur für Forschungszwecke

# CD59 Polyklonaler Antikörper

Katalog-Nr.:30223-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 30223-1-AP	<b>GenBank-Zugangsnummer:</b> BC001506	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 550 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 966	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:8000 IHC 1:500-1:2000
<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> AG32557	<b>Beobachtete Masse:</b> 18-20 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC, IHC, WB, ELISA

**Getestete Reaktivität:**  
Human

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

**Positivkontrollen:**

**WB :** BxPC-3-Zellen, HeLa-Zellen, HT-1080.Zellen, HT-29-Zellen, HUVEC-Zellen, U-87 MG-Zellen

**IHC :** humanes Plazenta-Gewebe,

## Hintergrundinformationen

CD59, also named as MIC11, MIN1, MIN2, MIN3, MSK21, M1RL, 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.

## 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**

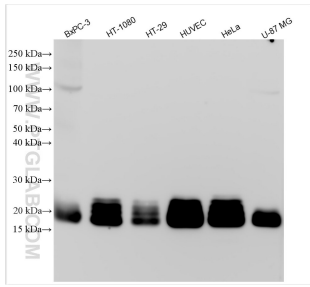
For technical support and original validation data for this product please contact:

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

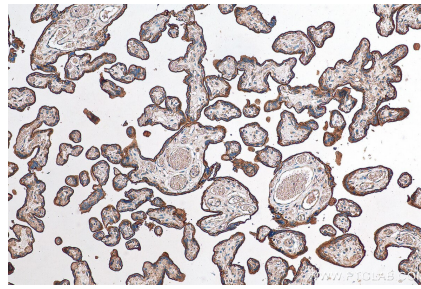
E: proteintech@ptglab.com  
W: ptglab.com

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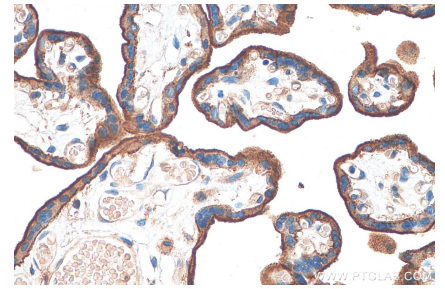
## Ausgewählte Validierungsdaten



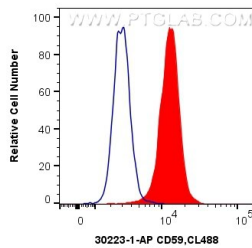
Various lysates were subjected to SDS PAGE followed by western blot with 30223-1-AP (CD59 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 30223-1-AP (CD59 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 30223-1-AP (CD59 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



$1 \times 10^6$  Jurkat cells were intracellularly stained with 0.4  $\mu$ g Anti-Human CD59 (30223-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4  $\mu$ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).