

Nur für Forschungszwecke

# CD59 Monoklonaler Antikörper

Katalog-Nr.:68222-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 68222-1-Ig	<b>GenBank-Zugangsnummer:</b> BC001506	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1000 µg/ml von966 Nanodrop;	<b>GeneID (NCBI):</b> Vollständiger Name: CD59 molecule, complement regulatory protein	<b>CloneNo.:</b> 1E3A1
<b>Wirt:</b> Maus	<b>Berechnete Masse:</b> 19 kDa	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000
<b>Isotyp:</b> IgG2b	<b>Beobachtete Masse:</b> 18-25 kDa	
<b>Immunogen Katalognummer:</b> AG32834		

## Anwendungen

**Geprüfte Anwendungen:**  
FC, WB, ELISA  
**Getestete Reaktivität:**  
Human

### Positivkontrollen:

WB : humanes Kolostrum, A549-Zellen, HeLa-Zellen, HepG2-Zellen, humanes Plazenta-Gewebe, Jurkat-Zellen, K-562-Zellen, MCF-7-Zellen

## 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.

## 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

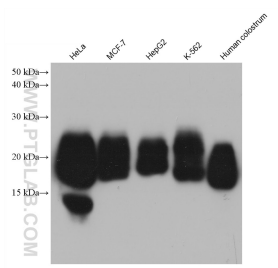
For technical support and original validation data for this product please contact:

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

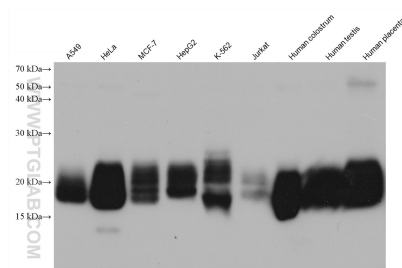
E: proteintech@ptglab.com  
W: ptglab.com

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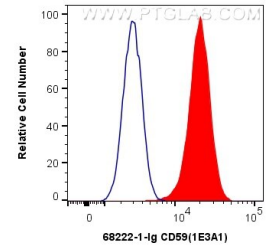
## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 68222-1-Ig (CD59 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 68222-1-Ig (CD59 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1X10<sup>6</sup> Jurkat cells were intracellularly stained with 0.4 ug Anti-Human CD59 (68222-1-Ig, Clone:1E3A1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).