

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD59

Numéro de catalogue: 68222-1-Ig



## Informations de base

Numéro de catalogue: 68222-1-Ig	Numéro d'acquisition GenBank: BC001506	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 966	CloneNo.: 1E3A1
Hôte: Mouse	Nom complet: CD59 molecule, complement regulatory protein	Dilutions recommandées: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG2b	MW calculé 19 kDa	
Immunogen Catalog Number: AG32834	MW observés: 18-25 kDa	

## Applications

Applications testées:  
FC, IF, WB, ELISA

Spécificité de l'espèce:  
Humain

Contrôles positifs:

WB : colostrum humain, cellules A549, cellules HeLa,  
cellules HepG2, cellules Jurkat, cellules K-562,  
cellules MCF-7, tissu placentaire humain

IF : tissu placentaire humain,

## Informations générales

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.

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

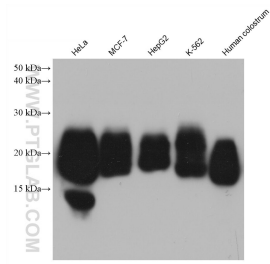
For technical support and original validation data for this product please contact:

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

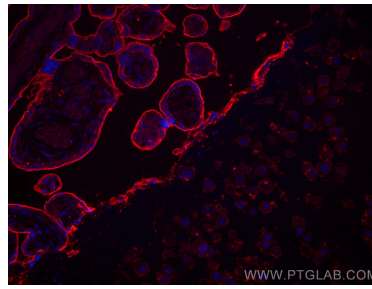
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

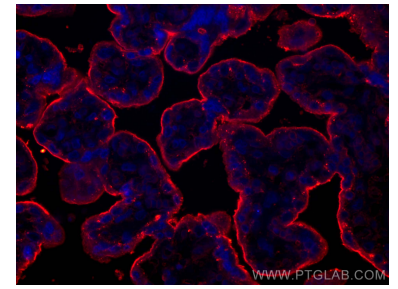
## Données de validation sélectionnées



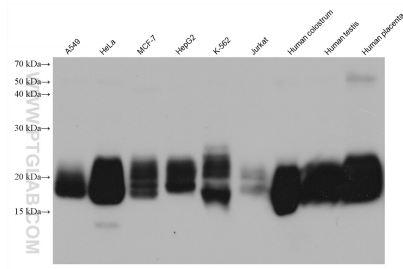
Various lysates were subjected to SDS PAGE followed by western blot with 68222-1-Ig (CD59 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



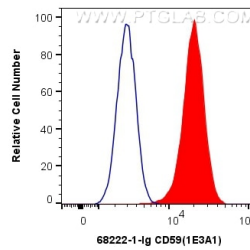
Immunofluorescent analysis of (4% PFA) fixed human placenta tissue using CD59 antibody (68222-1-Ig, Clone: 1E3A1) at dilution of 1:400 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human placenta tissue using CD59 antibody (68222-1-Ig, Clone: 1E3A1) at dilution of 1:400 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



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.



$1 \times 10^6$  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).