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Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 


CD59 MaxPab mouse polyclonal antibody (B04) MaxPab®

Catalog # : H00000966-B04

規格 : [50 uL]

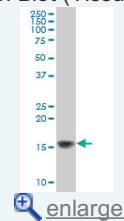
[List All](#)

Specification

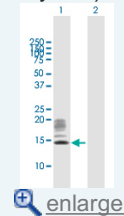
Product Description:	Mouse polyclonal antibody raised against a full-length human CD59 protein.
Immunogen:	CD59 (AAH01506, 1 a.a. ~ 128 a.a) full-length human protein.
Sequence:	MGIQGGSVLFGLLLVLAVFCHSGHSLQCYNCPNPTADCKTAVNCSSDFD ACLITKAGLQVYNKCWKFEHCNFNDVTTTRLRENELTYCCKKDLCNFNE QLENGGTSLSSEKTVLLLVTPFLAAAWSLHP
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	No additive
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note:	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.
Datasheet:	 Download

Application Image

Western Blot (Tissue lysate)

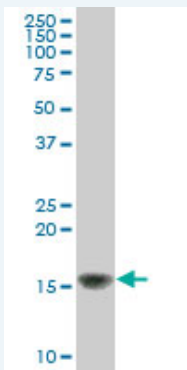


Western Blot (Transfected lysate)



Applications

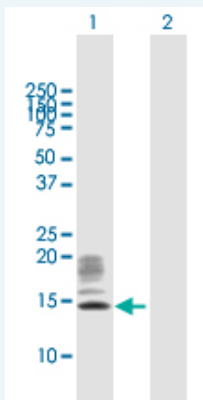
Western Blot (Tissue lysate)



CD59 MaxPab polyclonal antibody. Western Blot analysis of CD59 expression in human spleen.

 [Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of CD59 expression in transfected 293T cell line ([H00000966-T06](#)) by CD59 MaxPab polyclonal antibody.

Lane 1: CD59 transfected lysate(14.19 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [966](#)

GeneBank [BC001506](#)

Accession#:

Protein [AAH01506](#)

Accession#:

Gene Name: CD59

Gene Alias: 16.3A5,1F5,EJ16,EJ30,EL32,FLJ38134,FLJ92039,G344,HRF-20,HRF20,MAC-IP,MACIF,MEM43,MGC2354,MIC11,MIN1,MIN2,MIN3,MIRL,MSK21,p18-20

Gene Description: CD59 molecule, complement regulatory protein

Omim ID: [107271](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a cell surface glycoprotein that regulates complement-mediated cell lysis, and it is involved in lymphocyte signal transduction. This protein is a potent inhibitor of the complement membrane attack complex, whereby it binds complement C8 and/or C9 during the assembly of this complex, thereby inhibiting the incorporation of multiple copies of C9 into the complex, which is necessary for osmolytic pore formation. This protein also plays a role in signal transduction pathways in the activation of T cells. Mutations in this gene cause CD59 deficiency, a disease resulting in hemolytic anemia and thrombosis, and which causes cerebral infarction. Multiple alternatively spliced transcript variants, which encode the same protein, have been identified for this gene. [provided by RefSeq]

Other Designations: 20 kDa homologous restriction factor,CD59 antigen,CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344),CD59 glycoprotein,Ly-6-like protein,T cell-activating protein,human leukocyte antigen MIC11,lymphocytic a

Gene Pathway

[Complement and coagulation cascades](#) [Hematopoietic cell lineage](#)

Related Disease

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