

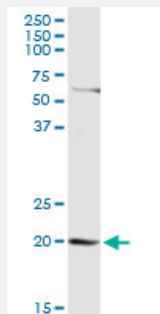
MaxPab®

## CD59 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000966-D01P

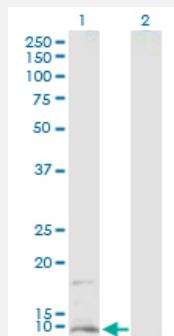
Size 100 ug

### Applications



#### Western Blot (Cell lysate)

CD59 MaxPab rabbit polyclonal antibody. Western Blot analysis of CD59 expression in A-431.

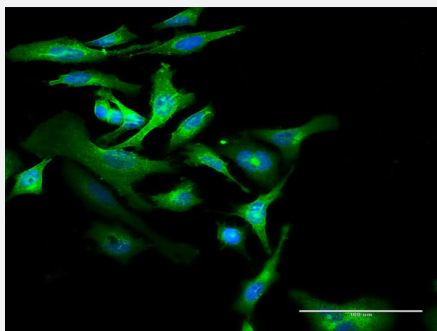


#### Western Blot (Transfected lysate)

Western Blot analysis of CD59 expression in transfected 293T cell line ([H00000966-T03](#)) by CD59 MaxPab polyclonal antibody.

Lane 1: CD59 transfected lysate(14.20 KDa).

Lane 2: Non-transfected lysate.



#### Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CD59 on HeLa cell. [antibody concentration 20 ug/ml]

### Specification

#### Product Description

Rabbit polyclonal antibody raised against a full-length human CD59 protein.

Immunogen	CD59 (NP_000602.1, 1 a.a. ~ 128 a.a) full-length human protein.
Sequence	MGIQGGSVLFGLLLVLAVFCHSGHSLQCYNCPNPTADCKTAVNCSSDFDACLITKAGLQVYNKC WKFEHCNFNNDVTTRLRENELTYCCKKDLCNFNEQLENGGTSLSSEKTVLLLVTPLAAAWSLHP
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

CD59 MaxPab rabbit polyclonal antibody. Western Blot analysis of CD59 expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CD59 expression in transfected 293T cell line ([H00000966-T03](#)) by CD59 MaxPab polyclonal antibody.

Lane 1: CD59 transfected lysate(14.20 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CD59 on HeLa cell. [antibody concentration 20 ug/ml]

## Gene Info — CD59

Entrez GeneID	<a href="#">966</a>
GeneBank Accession#	<a href="#">NM_000611</a>
Protein Accession#	<a href="#">NP_000602.1</a>
Gene Name	CD59
Gene Alias	16.3A5, 1F5, EJ16, EJ30, EL32, FLJ38134, FLJ92039, G344, HRF-20, HRF20, MAC-IP, MAC1 F, MEM43, MGC2354, MIC11, MIN1, MIN2, MIN3, MIRL, MSK21, p18-20

Gene Description	CD59 molecule, complement regulatory protein
Omim ID	<a href="#">107271</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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]</p>
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

## Pathway

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

## Disease

- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)
- [Macular Degeneration](#)