

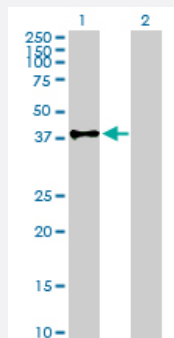
MaxPab®

CD55 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001604-D01P

Size 100 ug

Applications

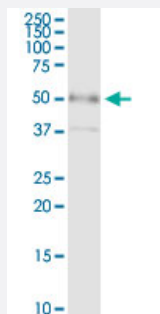


Western Blot (Transfected lysate)

Western Blot analysis of CD55 expression in transfected 293T cell line ([H00001604-T01](#)) by CD55 MaxPab polyclonal antibody.

Lane 1: CD55 transfected lysate(41.40 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of CD55 transfected lysate using anti-CD55 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CD55 purified MaxPab mouse polyclonal antibody (B01P) ([H00001604-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human CD55 protein.

Immunogen

CD55 (NP_000565.1, 1 a.a. ~ 381 a.a) full-length human protein.

Sequence

MTVARPSVPAALPLLGLPRLLLLVLLCLPAVWGDGCLPPDVPNAQPALEGRTSFPEDTVITYKC
EESFVKIPGEKDSVICKLGSQWSDIEEFENRSCEVPTRLNSASLKQPYTQNYFPVGTVEYECRP
GYRREPSLSPKLTCLQNLKWSTAVEFCCKKSCPNPGEIRNGQIDVPGGILFGATISFSCNTGYKLF
GSTSSFCLISGSSVQWSDPLPECREIYCPAPPQIDNGIIQGERDHYGYRQSVTYACNKGFTMIGE
SIYCTVNNDGEWSGPPPECRGKSLTSKVPPTVQKPTTVNVPPTTEVSPTSQKTTTKTTTPNAQAT
RSTPVSRTTKHFHETTPNKGSGTTSCTRLLSGHTCFTLTGLLGLVTMGLLT

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

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — CD55

Entrez GeneID	1604
GeneBank Accession#	NM_000574.2
Protein Accession#	NP_000565.1
Gene Name	CD55
Gene Alias	CR, CROM, DAF, TC
Gene Description	CD55 molecule, decay accelerating factor for complement (Cromer blood group)
Omim ID	125240
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein involved in the regulation of the complement cascade. The encoded glycoprotein is also known as the decay-accelerating factor (DAF); binding of DAF to complement proteins accelerates their decay, disrupting the cascade and preventing damage to host cells. Antigens present on the DAF glycoprotein constitute the Cromer blood group system (CROM). Two alternatively spliced transcripts encoding different proteins have been identified. The predominant transcript encodes a membrane-bound protein expressed on cells exposed to plasma component proteins but an alternatively spliced transcript produces a soluble protein present at much lower levels. Additional, alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]

Other Designations

CD55 antigen|decay accelerating factor for complement

Pathway

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

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Chorioamnionitis](#)
- [Down Syndrome](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Obstetric Labor](#)

- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Rhinitis](#)