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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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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) 

CD55 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00001604-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse 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:
 M~~T~~V~~A~~R~~P~~S~~V~~P~~A~~A~~L~~P~~L~~L~~G~~E~~L~~P~~R~~L~~L~~L~~L~~V~~L~~L~~C~~L~~P~~A~~V~~W~~G~~D~~C~~L~~P~~P~~D~~V~~P~~N~~A~~Q~~P~~A~~L~~
 E~~G~~R~~T~~S~~F~~P~~E~~D~~T~~V~~I~~T~~Y~~K~~C~~E~~E~~S~~F~~V~~K~~I~~P~~G~~E~~K~~D~~S~~V~~I~~C~~L~~K~~G~~S~~Q~~W~~S~~D~~I~~E~~E~~F~~C~~N~~R~~S~~C~~E~~
 V~~P~~T~~R~~L~~N~~S~~A~~S~~L~~K~~Q~~P~~Y~~I~~T~~Q~~N~~Y~~F~~P~~V~~G~~T~~V~~V~~E~~Y~~E~~C~~R~~P~~G~~Y~~R~~R~~E~~P~~S~~L~~S~~P~~K~~L~~T~~C~~L~~Q~~N~~L~~
 K~~W~~S~~T~~A~~V~~E~~F~~C~~K~~K~~K~~S~~C~~P~~N~~P~~G~~E~~I~~R~~N~~G~~I~~D~~V~~P~~G~~G~~I~~L~~F~~G~~A~~T~~I~~S~~F~~S~~C~~N~~T~~G~~Y~~K~~L~~F~~G~~S
 T~~S~~S~~F~~C~~L~~I~~S~~G~~S~~S~~V~~Q~~W~~S~~D~~P~~L~~P~~E~~C~~R~~E~~I~~Y~~C~~P~~A~~P~~P~~Q~~I~~D~~N~~G~~I~~I~~Q~~G~~E~~R~~D~~H~~Y~~G~~Y~~R~~Q~~S~~V~~
 T~~Y~~A~~C~~N~~K~~G~~F~~T~~M~~I~~G~~E~~H~~S~~I~~Y~~C~~T~~V~~N~~N~~D~~E~~G~~E~~W~~S~~G~~P~~P~~E~~C~~R~~G~~K~~S~~L~~T~~S~~K~~V~~P~~P~~T~~V~~Q~~K~~
 P~~T~~T~~V~~N~~V~~P~~T~~T~~E~~V~~S~~P~~T~~S~~Q~~K~~T~~T~~T~~K~~T~~T~~P~~N~~A~~Q~~A~~T~~R~~S~~T~~P~~V~~S~~R~~T~~T~~K~~H~~F~~H~~E~~T~~T~~P~~N~~K~~
 G~~S~~G~~T~~T~~S~~G~~T~~T~~R~~L~~L~~S~~G~~H~~T~~C~~F~~T~~L~~T~~G~~L~~L~~G~~L~~T~~V~~T~~M~~G~~L~~L~~T~~

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

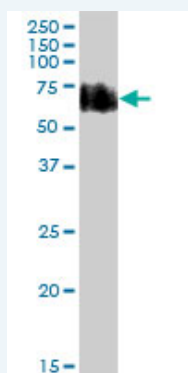
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)



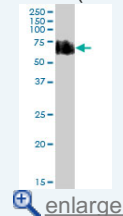
CD55 MaxPab polyclonal antibody. Western Blot analysis of CD55 expression in A-549.

[Protocol Download](#)

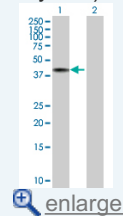
Western Blot (Transfected lysate)

Application Image

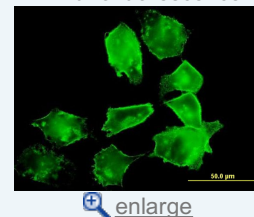
Western Blot (Cell lysate)

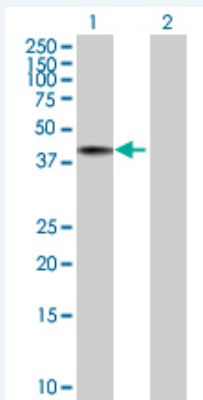


Western Blot (Transfected lysate)



Immunofluorescence



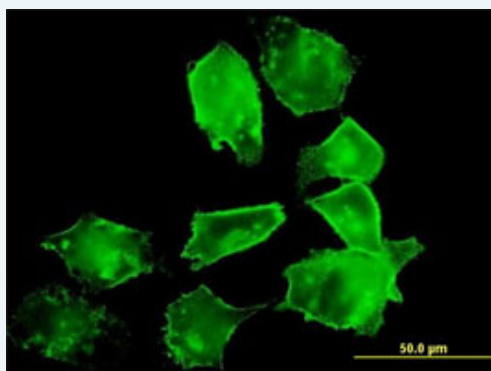


Western Blot analysis of CD55 expression in transfected 293T cell line ([H00001604-T01](#)) by CD55 MaxPab polyclonal antibody.

Lane 1: DAF transfected lysate(41.91 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Immunofluorescence



enlarge this image

Immunofluorescence of [purified](#) MaxPab antibody to DAF on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

Gene Information

Entrez GeneID: [1604](#)

GeneBank [NM_000574.2](#)
Accession#:

Protein [NP_000565.1](#)
Accession#:

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

Interactome



Gene Pathway

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

Related Disease

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