



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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) 

DAF monoclonal antibody (M02), clone 1D7

Catalog # : H00001604-M02

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant DAF.

Immunogen: DAF (NP_000565, 35 a.a. ~ 134 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

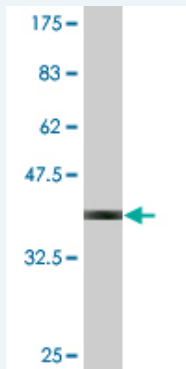
Sequence: DCGLPPDVPNAQPALEGRTSFPEDTVITYKCEESFVKIPGEKDSVICLRG
SQWSDIEEFCNRSCEVPTRLNSASLKQPYITQNYFPVGTVVEYECRPGY
R

Host: Mouse

Reactivity: Human

Isotype: IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.74 KDa) .

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](#)

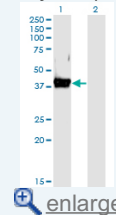
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

Application Image

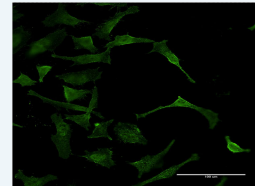
Western Blot (Transfected lysate)



[enlarge](#)

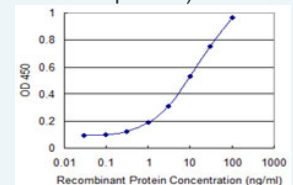
Western Blot (Recombinant protein)

Immunofluorescence



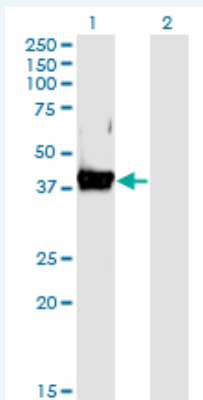
[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Western Blot analysis of CD55 expression in transfected 293T cell line by DAF monoclonal antibody (M02), clone 1D7.

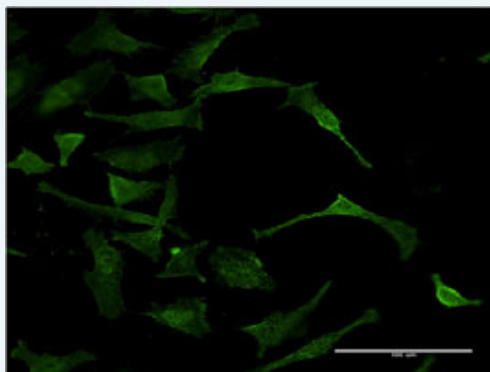
Lane 1: CD55 transfected lysate(41.4 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunofluorescence

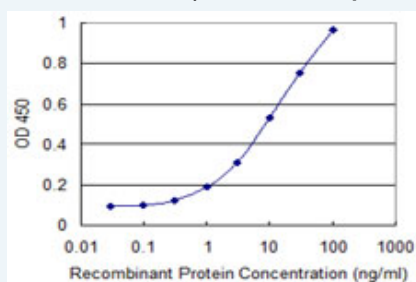


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to CD55 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged CD55 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1604](#)

GeneBank [NM_000574](#)

Accession#:

Protein [NP_000565](#)

Accession#:

Gene Name: CD55

Gene Alias: CR,CROM,DAF,TC

Gene Description: CD55 molecule, decay accelerating factor for complement (Cromer blood group)

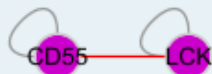
Omim ID: [125240](#)

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

[Asthma](#) [Asthma](#) [Birth Weight](#) [Chorioamnionitis](#) [Down Syndrome](#) [Fetal Membranes, Premature Rupture](#) [Genetic Predisposition to Disease](#) [Glioblastoma](#) [Glioma](#) [Leukemia](#) [Leukemia, Myeloid, Acute](#) [Lymphoma, Non-Hodgkin](#) [Macular Degeneration](#) [Meningeal Neoplasms](#) [Meningioma](#) [Obstetric Labor, Premature](#) [Pre-Eclampsia](#) [Premature Birth](#) [Rhinitis, Allergic, Seasonal](#)

