



# 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

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

## CD58 monoclonal antibody (M02), clone 3B12-D5

Catalog # : H00000965-M02

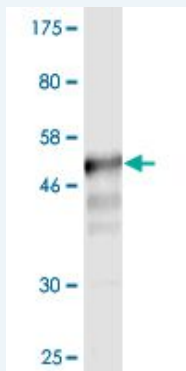
規格 : [ 100 ug ]

[List All](#)

### Specification

|                             |   |
|-----------------------------|---|
| <b>Product Description:</b> | Mouse monoclonal antibody raised against a full-length recombinant CD58.  |
| <b>Immunogen:</b>           | CD58 (AAH05930, 1 a.a. ~ 240 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.  |
| <b>Sequence:</b>            | MVAGSDAGRALGVLSVCLLHCFGFISCFQQIYGVVYGNVTFHVPSNV<br>PLKEVLWKKQKDKVAELENSEFRAFSSFKNRVYLDTVSGSLTIYNLTSSD<br>EDEYEMESPNTDTMKFFLYVLESLPSPTLTALNNGSIEVQCMPIEYNS<br>HRGLIMYSWDCPMEQCKRNSTSIYFKMENDLPQKIQTLSNPLFNTTSSII<br>LTTICIPSSGHSRHRALYLIPLAVITTCVLYMNGMYAF |
| <b>Host:</b>                | Mouse   |
| <b>Reactivity:</b>          | Human   |
| <b>Isotype:</b>             | IgG2a Kappa   |

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (52.14 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](#)

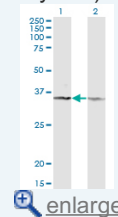
**Datasheet:** [Download](#)

### Applications

**Western Blot (Transfected lysate)**

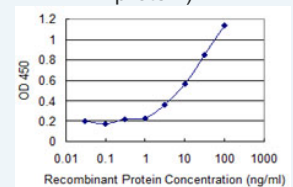
### Application Image

Western Blot (Transfected lysate)



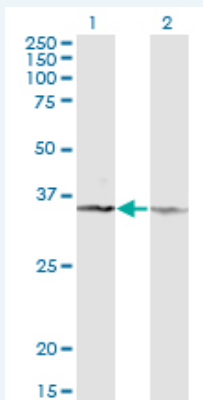
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Western Blot analysis of CD58 expression in transfected 293T cell line by CD58 monoclonal antibody (M02), clone 3B12-D5.

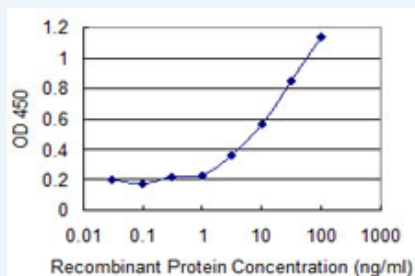
Lane 1: CD58 transfected lysate (Predicted MW: 28.1 KDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

### Western Blot (Recombinant protein)

[Protocol Download](#)

### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged CD58 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

### ELISA

### Gene Information

Entrez GeneID: [965](#)

GeneBank [BC005930](#)

Accession#:

Protein [AAH05930](#)

Accession#:

Gene Name: CD58

Gene Alias: LFA-3,LFA3

Gene Description: CD58 molecule

Description:

Omim ID: [153420](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a ligand of the T lymphocyte CD2 protein, and functions in adhesion and activation of T lymphocytes. The protein is localized to the plasma membrane. Alternatively spliced transcript variants have been described. [provided by RefSeq]

**Other** CD58 antigen, (lymphocyte function-associated antigen  
**Designations:** 3),OTTHUMP00000024363

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### Gene Pathway

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Cell adhesion molecules (CAMs)

### Related Disease

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Arthritis, Rheumatoid Autoimmune Diseases Crohn's disease Diabetes Mellitus, Type 1  
Genetic Predisposition to Disease Hepatitis B Multiple Sclerosis  
Multiple Sclerosis, Relapsing-Remitting

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