



# 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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# EDG3 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00001903-B01P

規格 : [ 50 ug ]

List All

## Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human EDG3 protein.

**Immunogen:** EDG3 (NP\_005217.2, 1 a.a. ~ 378 a.a) full-length human protein.

**Sequence:**  
 MATALPPRLQPVRGNETLREHYQYVGKLAGRLKEASEGSTLTTVLFLVI  
 CSFIVLENLMVLIWKNKFNHRMYFFIGNLALCDLLAGIAYKVNILMSGKK  
 TFSLSPTVWFLREGSMFVALGASTCSLLAIAIERHLMIKMRPYDANKRH  
 RVFLLIGMCWLIAF TLGALPILGWNCLHNL PDCSTILPLYSKKYIAF CISIFT  
 AILVTIVILYARIYFLVKSSSRKVANHNNSERSMALLRTVVIVVSVFIACWSP  
 LFILFLIDVACRVQACPILFKAQWFI VLAVLNSAMNPVIYTLASKEMRRAFF  
 RLVCNCLVRGRGARASPIQPALDPSRSKSSSSNSSHSPKVKEDLPHTA  
 PSSCIMDKNAALQNGIFCN

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

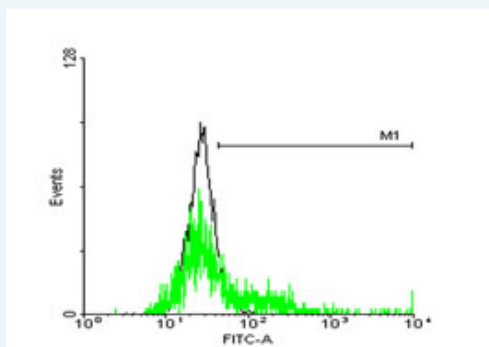
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.


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

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

## Applications

### Flow Cytometry



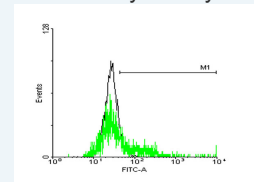
 enlarge this image


FACS analysis of negative control 293 cells (Black) and S1PR3 expressing 293 cells (Green) using S1PR3 purified MaxPab mouse polyclonal antibody.

### Western Blot (Cell lysate)

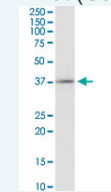
## Application Image


### Flow Cytometry



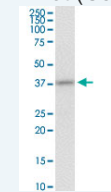
 enlarge


### Western Blot (Cell lysate)



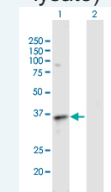
 enlarge


### Western Blot (Cell lysate)

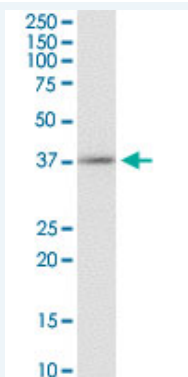


 enlarge

### Western Blot (Transfected lysate)



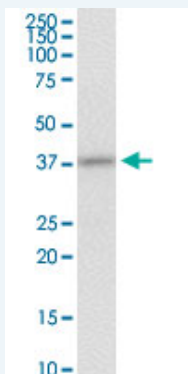
 enlarge



S1PR3 MaxPab polyclonal antibody. Western Blot analysis of S1PR3 expression in HeLa.

[Protocol Download](#)

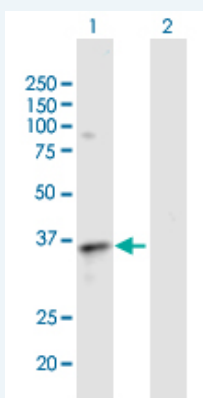
#### Western Blot (Cell lysate)



S1PR3 MaxPab polyclonal antibody. Western Blot analysis of S1PR3 expression in HL-60.

[Protocol Download](#)

#### Western Blot (Transfected lysate)



Western Blot analysis of S1PR3 expression in transfected 293T cell line ([H00001903-T01](#)) by S1PR3 MaxPab polyclonal antibody.

Lane 1: EDG3 transfected lysate(41.58 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

#### Gene Information

Entrez GeneID: [1903](#)

GeneBank [NM\\_005226](#)

Accession#:

Protein [NP\\_005217](#)

Accession#:

Gene Name: S1PR3

Gene Alias: EDG-3,EDG3,FLJ37523,FLJ93220,LPB3,MGC71696,S1P3

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**Gene** sphingosine-1-phosphate receptor 3  
**Description:**

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**Omim ID:** [601965](#)

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**Gene Ontology:** [Hyperlink](#)

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**Gene Summary:** This gene encodes a member of the EDG family of receptors, which are G protein-coupled receptors. This protein has been identified as a functional receptor for sphingosine 1-phosphate and likely contributes to the regulation of angiogenesis and vascular endothelial cell function. [provided by RefSeq]

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**Other Designations:** G protein-coupled receptor, endothelial differentiation gene-3, OTTHUMP00000021612, S1P receptor EDG3, endothelial differentiation, sphingolipid G-protein-coupled receptor, 3, sphingosine 1-phosphate receptor 3

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### Gene Pathway

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[Neuroactive ligand-receptor interaction](#)

### Related Disease

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