

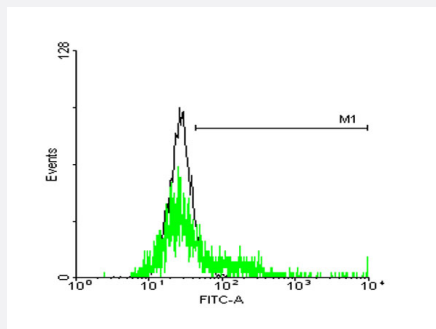
MaxPab®

EDG3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001903-B01P

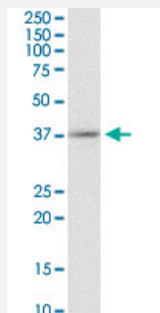
Size 50 ug

Applications



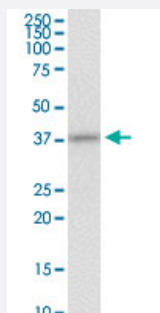
Flow Cytometry

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



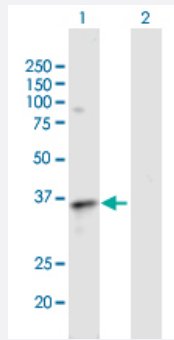
Western Blot (Cell lysate)

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



Western Blot (Cell lysate)

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



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.

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	MATALPPRLQPVRGNETLREHYQYVGKLAGRLKEASEGSTLTTVLFLVICSFVLENLMVLIWKN NKFHNRMYYFFIGNLALCDLLAGIAYKVNILMSGKKTFSLSPTVWFLREGSMFVALGASTCSLLAIAIE RHLTMIKMRPYDANKRHRVFLIGMCWLI AFTLGALPILGWNC LHNLPDCSTILPLYSKKYAFCISIFT AILVTIVILYARIYFLVKSSSRKVANHNNSESRSMALLRTVVIVSVFIACWSPLFILIDVACRVQACPI LFKAQWFMVLAVLNSAMNPVYTLASKEMRRAFFRLVCNCLVRGRGARASPIQPALDPSRSKSSS SNNSSHSPKVKEDLPHTAPSSCIMDKNAALQNGIFCN
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.

Applications

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[Protocol Download](#)

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Gene Info — S1PR3

Entrez GeneID [1903](#)

GeneBank Accession# [NM_005226](#)

Protein Accession# [NP_005217](#)

Gene Name S1PR3

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

Gene Description sphingosine-1-phosphate receptor 3

Omim ID [601965](#)

Gene Ontology [Hyperlink](#)

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]

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

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)