bs-2883R **[Primary Antibody]**

EDG6 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 8698 **SWISS:** O95977

Target: EDG6

Immunogen: KLH conjugated synthetic peptide derived from human EDG6/SLP4: 301-384/384.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This protein belongs to a G protein coupled heptahelical receptor subfamily named Endothelial Cell Differentiation Genes (EDG)that act as receptors for biologically active lysophospholipids. This group consists of two receptor subgroups specific for S1P and LPA respectively. EDG6 is the receptor for lysophospholipid sphingosine 1 phosphate (S1P). S1P elicits diverse physiological effect on most types of cells and tissues. EDG6 may be involved in cell migration processes that are specific for lymphocytes.

Applications: **ELISA** (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Horse)

Predicted MW.: 42 kDa

Subcellular Location: Cell membrane

SELECTED CITATIONS

- **[IF=3.388]** Xiao et al. Fingolimod Suppresses a Cascade of Core Vicious Cycle in Dry Eye NOD Mouse Model: Involvement of Sphingosine-1-Phosphate Receptors in Infiltrating Leukocytes. (2017) Invest.Ophthalmol.Vis.Sci. 58:6123-6132 IHC ;Mouse. 29214311