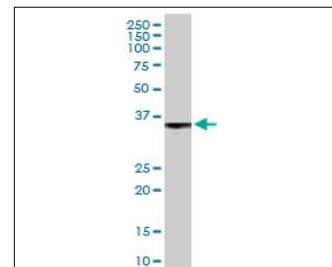


KB491

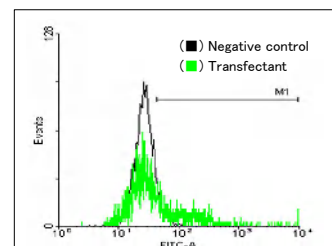
For research use only

## Anti Human EDG3 Polyclonal Antibody

<b>Code No.</b>	KB491
<b>Target</b>	EDG3
<b>Category</b>	GPCR
<b>Gene ID</b>	1903
<b>Primary Source</b>	HGNC:3167
<b>Synonyms</b>	EDG3; LPB3; S1P3; EDG-3; FLJ37523; FLJ93220; MGC71696; S1PR3
<b>Type</b>	Polyclonal Antibody
<b>Immunogen</b>	Recombinant protein of full length Human EDG3
<b>Raised in</b>	Mouse
<b>Myeloma</b>	-
<b>Clone number</b>	-
<b>Purification</b>	Protein A purified
<b>Source</b>	Mouse Serum
<b>Isotype</b>	-
<b>Cross Reactivity</b>	-
<b>Label</b>	Unlabeled
<b>Concentration</b>	0.5 mg/mL
<b>Contents (Volume)</b>	50 µg
<b>Buffer</b>	PBS, pH 7.2



[WB] EDG3 transfected 293T cell lysate



[FCM] EDG3 expressing 293 cells

**Storage** Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

**Application** WB, FCM

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	1.0	-	-

(µg/mL)

**Reference**

1. Yamaguchi F., et al. "Molecular cloning of the novel human G protein-coupled receptor (GPCR) gene mapped on chromosome 9." *Biochem. Biophys. Res. Commun.* 227:608-614(1996)
2. An S., et al. "Identification of cDNAs encoding two G protein-coupled receptors for lysosphingolipids." *FEBS Lett.* 417:279-282(1997)
3. Ota T., et al. "Complete sequencing and characterization of 21,243 full-length human cDNAs." *Nat. Genet.* 36:40-45(2004)

**UniPlot Summary**

//Function: Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P). S1P is a bioactive lysophospholipid that elicits diverse physiological effect on most types of cells and tissues. When expressed in rat HTC4 hepatoma cells, is capable of mediating S1P-induced cell proliferation and suppression of apoptosis.

//Subcellular location: Cell membrane; Multi-pass membrane protein.

//Tissue specificity: Expressed in all tissues, but most abundantly in heart, placenta, kidney, and liver.

//Sequence similarities: Belongs to the G-protein coupled receptor 1 family.