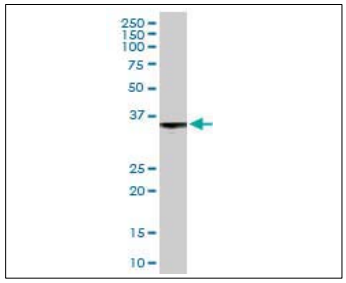
COSMO BIO CO., LTD.
Inspiration for Life Science

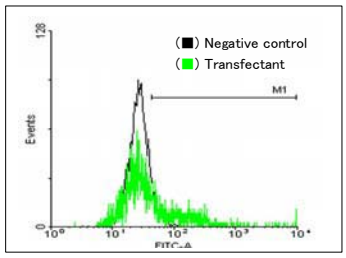
KAL-KB491 For research use only

Anti Human EDG3 Polyclonal Antibody

Code No.	KB491
Terget	EDG3
Category	GPCR
Gene ID	1903
Primary Source	HGNC:3167
Synonyms	EDG3; LPB3; S1P3; EDG-3; FLJ37523; FLJ93220; MGC71696; S1PR3
Type	Polyclonal Antibody
Immunogen	Recombinant protein of full length Human EDG3
Raised in	Mouse
Myeloma	-
Clone number	-
Purification	Protein A purified
Source	Mouse Serum
Isotype	-
Cross Reactivity	-
Label	Unlabeled
Concentration	0.5 mg/mL
Contents (Volume)	50 µg
Buffer	PBS, pH 7.2
Storage	Store at - 20 ℃ long term, store at 4 ℃ short term. Avoid repeated freeze-thaw cycles.
Application	WB,FCM



[WB] EDG3 transfected 293T cell lysate



[FCM] EDG3 expressing 293 cells

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.

Manufactured by Trans Genic Inc.

COSMO BIO CO., LTD.
Inspiration for Life Science
TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN
http://www.cosmobio.co.jp e-mail : export@cosmobio.co.jp
Phone : +81-3-5632-9617 FAX : +81-3-5632-9618