

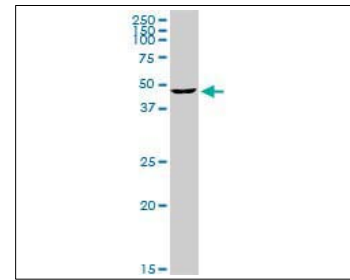


KAL-KB490

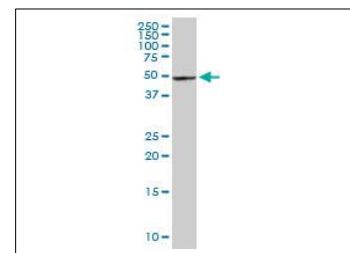
For research use only

Anti Human EDG2 Polyclonal Antibody

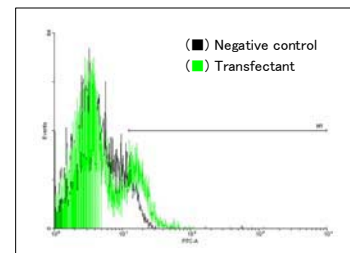
Code No. KB490
Target EDG2
Category GPCR
Gene ID 1902
Primary Source HGNC:3166
Synonyms EDG2; LPA1; VZG1; GPR26; edg-2; vzg-1; Gpcr26; Mrec1.3; rec.1.3; LPAR1
Type Polyclonal Antibody
Immunogen Recombinant protein of full length Human EDG2
Raised in Mouse
Myeloma -
Clone number -
Purification Protein A purified
Source Mouse Serum
Isotype -
Cross Reactivity -
Label Unlabeled
Concentration 0.5 mg/mL
Contents (Volume) 50 µg
Buffer PBS, pH 7.2



[WB] HeLa cell lysate



[WB] EDG2 transfected 293T cell lysate



[FCM] EDG2 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. An S., et al. "Molecular cloning of the human Edg2 protein and its identification as a functional cellular receptor for lysophosphatidic acid." *Biochem. Biophys. Res. Commun.* 231:619-622(1997)
2. Moolenaar W.H., et al. "Lysophosphatidic acid: G-protein signalling and cellular responses." *Curr. Opin. Cell Biol.* 9:168-173(1997)
3. The MGC Project Team. "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)." *Genome Res.* 14:2121-2127(2004)

UniPlot Summary

//Function: Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. Seems to be coupled to the G(i)/G(o), G(12)/G(13), and G(q) families of heteromeric G proteins.
 //Subcellular location: Cell membrane; Multi-pass membrane protein.
 //Tissue specificity: Expressed in many adult organs, including brain, heart, colon, small intestine, placenta, prostate, ovary, pancreas, testes, spleen, skeletal muscle, and kidney. Little or no expression in liver, lung, thymus, or peripheral blood leukocytes.
 //Sequence similarities: Belongs to the G-protein coupled receptor 1 family.

Manufactured by TransGenic 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