

EDG4 Polyclonal Antibody

Catalog NumberPA5-13130

Product data sheet

Details		Tested Applications	Dilution *
Size	400 µL	Immunohistochemistry (Paraffin) (IHC (P)) Western Blot (WB)	1:50-1:100
Host/Isotope	Rabbit / IgG		1:1,000
Class	Polyclonal	<div>* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.</div>	
Type	Antibody		
Immunogen	KLH conjugated synthetic peptide between 3-32 amino acids from the N-terminal region of human EDG4		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	2 mg/mL		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with non-human primate based on sequence homology.

Background/Target Information

Edg4 is a Lysophospholipid/Lysosphingolipid Receptor activated by phosphatidic acid (PA) and lysophosphatidic acid (LPA). It enhances the transcription of serum response element (SRE) reporter genes. In CD4(+) T cells, Edg4 may be involved in the control of interleukin-2 secretion. Edg4 expression has been documented in leukocytes, pancreas, spleen, thymus, prostate, and testis. Edg4 expression has also been seen in many cancer cell lines, including those of brain, blood, breast, ovary, cervix, colon, skin, and thyroid. ESTs have been isolated from B-cell/lung/testis, blood, brain, embryo, heart/melanocyte/uterus, liver, placenta, prostate, and skin libraries.

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