



EDG-3 Monoclonal Antibody

Catalog No	YP-mAb-13204
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	S1PR3
Immunogen	The antiserum was produced against synthesized peptide derived from human EDG3. AA range:115-164
Specificity	EDG-3 Monoclonal Antibody detects endogenous levels of EDG-3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C9orf108;C9orf47;EDG 3;EDG3;Endothelial differentiation G-protein coupled receptor 3;EDG-3;S1PR3;Sphingosine 1-phosphate receptor 3;S1P receptor 3;S1P3;Sphingosine 1-phosphate receptor Edg-3;S1P receptor Edg-3
Observed Band	42kD
Calculated Molecular Weight	42kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Expressed in all tissues, but most abundantly in heart, placenta, kidney, and liver.
Function	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 caMABLE of mediating S1P-induced cell proliferation and suppression of apoptosis.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed in all tissues, but most abundantly in heart, placenta, kidney, and liver.,



Background

This gene encodes a member of the EDG family of receptors, which are G protein-coupled receptors. This protein has been identified as a functional receptor for sphingosine 1-phosphate and likely contributes to the regulation of angiogenesis and vascular endothelial cell function. [provided by RefSeq, Jul 2008],

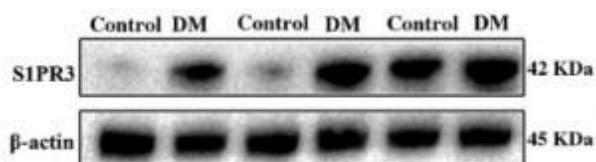
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using EDG-3 Monoclonal Antibody