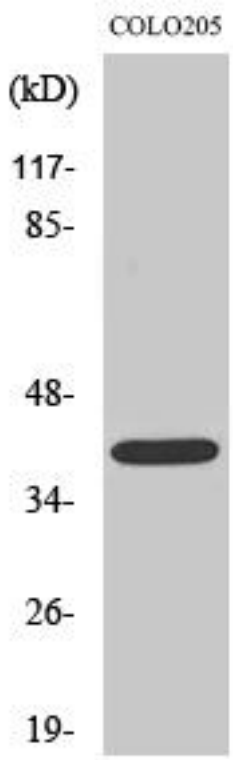
EDG-5 Monoclonal Antibody

Catalog No	YP-mAb-13206
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	S1PR2
Protein Name	Sphingosine 1-phosphate receptor 2
Immunogen	The antiserum was produced against synthesized peptide derived from human EDG5. AA range:261-310
Specificity	EDG-5 Monoclonal Antibody detects endogenous levels of EDG-5 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	S1PR2; EDG5; Sphingosine 1-phosphate receptor 2; S1P receptor 2; S1P2; Endothelial differentiation G-protein coupled receptor 5; Sphingosine 1-phosphate receptor Edg-5; S1P receptor Edg-5
Observed Band	39kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Fetal brain,
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.,
Background	This gene encodes a member of the G protein-coupled receptors, as well as the EDG family of proteins. The encoded protein is a receptor for sphingosine 1-phosphate, which participates in cell proliferation, survival, and transcriptional activation. Defects in this gene have been associated with congenital profound deafness. [provided by RefSeq, Mar 2016],

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-5 Monoclonal Antibody