Product Data Sheet: S1PR5

Cat. No:	AB-83741
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EDG8
Reactivity:	Hu, Ms, Rt, Cw, Dg, Pg
Applications:	Western Blot: 1:100-1:1000 Immunohistochemistry(paraffin-embedded tissues): 1:100-500 Immunofluorescence (Immunohistochemistry-paraffin-embedded tissues): 1:50-200 Flow Cytometry: 1:20-100
Molecular Weight:	16kDa
Purification:	Aff. Pur.
Background:	EDG8 is a 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. It Is coupled to both the G(i/0)alpha and G(12) subclass of heteromeric G-proteins (By similarity). It may play a regulatory role in the transformation of radial glial cells into astrocytes and may affect proliferative activity of these cells.The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. Two alternatively spliced transcript variants have been found for this gene and they encode distinct isoforms.
Form:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

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