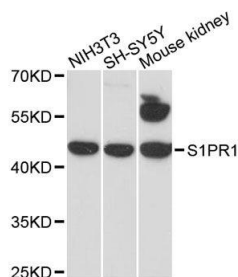
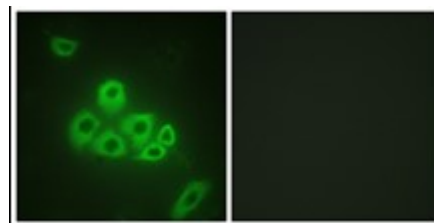


<b>Cat. No:</b>	AB-83739
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence of human S1PR1
<b>Reactivity:</b>	Hu, Ms
<b>Applications:</b>	Western Blot: 1:500- 1:1000 Immunofluorescence: 1:200-1:1,000
<b>Molecular Weight:</b>	43kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	CD363;CHEDG1;D1S3362;ECGF1;EDG-1;EDG1;S1P1
<b>Background:</b>	The protein encoded by this gene is structurally similar to G protein-coupled receptors and is highly expressed in endothelial cells. It binds the ligand sphingosine-1-phosphate with high affinity and high specificity, and suggested to be involved in the processes that regulate the differentiation of endothelial cells. Activation of this receptor induces cell-cell adhesion. Alternative splicing results in multiple transcript variants.
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.



Western blot using S1PR1 on extracts of various cell lines at 1:1000 dilution.  
Secondary antibody:  
HRP Goat Anti-Rabbit IgG (H+L) at 1:10,000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL West Pico Kit.  
Exposure time: 90s.



Immunofluorescence: 1:200

Immunofluorescence analysis of A549 cells, using S1P Receptor EDG1 Antibody. The picture on the right is blocked with the synthesized peptide

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