

## CAB20164

---

### Product Information

<b>Product SKU:</b>	CAB20164	<b>Gene ID:</b>	53637	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

---

### Additional Information

<b>Observed MW:</b>	50kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	42kDa	<b>Isotype:</b>	IgG

---

### Immunogen Information

**Background:** The lysosphingolipid sphingosine 1-phosphate (S1P) regulates cell proliferation, apoptosis, motility, and neurite retraction. Its actions may be both intracellular as a second messenger and extracellular as a receptor ligand. S1P and the structurally related lysolipid mediator lysophosphatidic acid (LPA) signal cells through a set of G protein-coupled receptors known as EDG receptors. Some EDG receptors (e.g., EDG1; MIM 601974) are S1P receptors; others (e.g., EDG2; MIM 602282) are LPA receptors.

**Recommended Dilution:** WB, 1:500 - 1:1000

**Synonyms:** EDG8; S1P5; Edg-8; SPPR-1; SPPR-2; S1PR5

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 307-398 of human S1PR5 (NP\_110387.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.