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# S1PR4 / SIP4 / EDG6 Antibody
**Rabbit Polyclonal Antibody**
**Catalog # ALS11418**

## Specification

### S1PR4 / SIP4 / EDG6 Antibody - Product Information

| | |
|---|---|
| Application | **IHC** |
| Primary Accession | O95977 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **42kDa KDa** |

### S1PR4 / SIP4 / EDG6 Antibody - Additional Information

**Gene ID** 8698

**Other Names**
Sphingosine 1-phosphate receptor 4, S1P receptor 4, S1P4, Endothelial differentiation G-protein coupled receptor 6, Sphingosine 1-phosphate receptor Edg-6, S1P receptor Edg-6, S1PR4, EDG6

**Reconstitution & Storage**
Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

**Precautions**
S1PR4 / SIP4 / EDG6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### S1PR4 / SIP4 / EDG6 Antibody - Protein Information

**Name** S1PR4

**Synonyms** EDG6

**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. May be involved in cell migration processes that are specific for lymphocytes.

**Cellular Location**
Cell membrane; Multi-pass membrane protein.

**Tissue Location**
Specifically expressed in fetal and adult lymphoid and hematopoietic tissue as well as in lung. Considerable level of expression in adult and fetal spleen as well as adult peripheral leukocytes and lung. Lower expression in adult thymus, lymph node, bone marrow, and appendix as well as in fetal liver, thymus, and lung

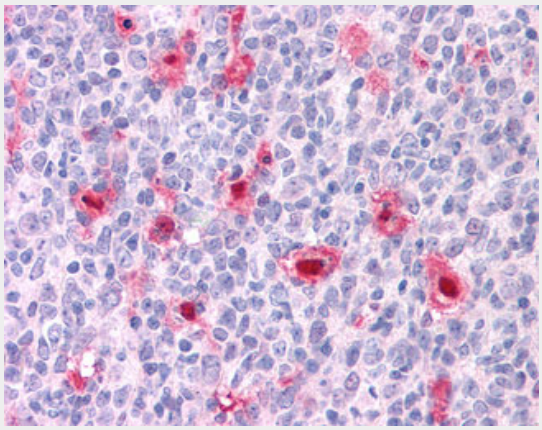
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## S1PR4 / SIP4 / EDG6 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## S1PR4 / SIP4 / EDG6 Antibody - Images



Anti-EDG6 antibody IHC of human tonsil.

## S1PR4 / SIP4 / EDG6 Antibody - Background

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. May be involved in cell migration processes that are specific for lymphocytes.

## S1PR4 / SIP4 / EDG6 Antibody - References

Graeler M.H.,et al.Genomics 53:164-169(1998).
Kopatz S.A.,et al.Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Yamazaki Y.,et al.Biochem. Biophys. Res. Commun. 268:583-589(2000).
Van Brocklyn J.R.,et al.Blood 95:2624-2629(2000).