

# Immunotag™ EDG8 Antibody

| Antibody Specification |  |
|------------------------|--|
| Catalog No.            | ITA3653  |
| Product Description    | Immunotag™ EDG8 Antibody   |
| Size                   | 100 µg, 200 µg   |
| Conjugation            | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647  |
| IMPORTANT NOTE         | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.   |
| Target Protein         | EDG8   |
| Clonality              | Polyclonal   |
| Storage/Stability      | -20°C/1 year   |
| Application            | WB,IHC,ELISA   |
| Recommended Dilution   | WB 1:500-1:2000 IHC 1:50-1:200   |
| Concentration          | 1 mg/ml  |
| Reactive Species       | Human,Mouse  |
| Host Species           | Rabbit   |
| Immunogen              | A synthesized peptide  |
| Specificity            | EDG8 antibody detects endogenous levels of total EDG8  |
| Purification           | The antiserum was purified by peptide affinity chromatography.   |
| Form                   | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  |
| Gene Name              | S1PR5  |
| Accession No.          | Q9H228   |
| Alternate Names        | EDG 8; EDG8 S1P receptor; Endothelial differentiation G protein coupled receptor 8; Endothelial differentiation G-protein-coupled receptor 8; Endothelial Differentiation Gene 8; Endothelial differentiation sphingolipid G protein coupled receptor 8; S1P receptor 5; S1P receptor Edg 8; S1P receptor Edg-8; S1P receptor Edg8; S1P5; S1PR5; S1PR5_HUMAN; Sphingosine 1 Phosphate Receptor 5; Sphingosine 1 phosphate receptor Edg 8; Sphingosine 1 phosphate receptor Edg8; Sphingosine 1-phosphate receptor 5; Sphingosine 1-phosphate receptor Edg-8; SPPR 1; SPPR 2; SPPR1; SPPR2; |



## Antibody Specification

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| Description               | 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. Is coupled to both the G(i/o)alpha and G(12) subclass of heteromeric G-proteins (By similarity). May play a regulatory role in the transformation of radial glial cells into astrocytes and may affect proliferative activity of these cells. |
| Cell Pathway/<br>Category | Primary Polyclonal Antibody  |
| Protein MW                | 41 kDa;Exposure time : 8 minutes   |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures.   |