

## Sphingosine 1 Phosphate Receptor 1 (EDG-1) Lysate | EDG-1 lysate

Sphingosine 1 Phosphate Receptor 1 (EDG-1)

CATALOG #  
**AAA60512**

APPLICATIONS  
**Western Blot**

### PRODUCT SYNONYMS

Sphingosine 1 Phosphate Receptor 1 (EDG-1); EDG1 (S1P1) Transfected Cell Positive Control Lysate; EDG-1 lysate

### PRODUCT SPECIFICATIONS

|                                          |                                                                                                                             |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Form/Format                              | Unconjugated; Provided in 10% glycerol, 0.063 M Tris-HCl (pH 6.8), 2% SDS and 0.002% bromophenol blue, 5% 2-mercaptoethanol |
| Applicable Applications for EDG-1 lysate | WB (Western Blot)                                                                                                           |
| Product Type                             | Control Lysate                                                                                                              |
| Preparation and Storage                  | Ships at ambient temperature, freeze upon arrival. Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles.  |

### ADDITIONAL INFORMATION

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for EDG-1 lysate | EDG-1 belongs to a family of G-protein coupled receptors whose ligands are lysophospholipids. The ligand for EDG-1 is sphingosine-1-phosphate. There are 8 known members of the EDG receptor family and they are implicated in mediating growth related effects such as induction of cellular proliferation, alterations in differentiation and survival and suppression of apoptosis. They also evoke cellular effector functions that are dependent on cytoskeletal responses such as contraction, secretion, adhesion and chemotaxis. EDG receptors are developmentally regulated and differ in tissue distribution. They couple to multiple types of G proteins to signal through ras and MAP kinase, rho, phospholipase C and several protein tyrosine kinases. EDG-1 is expressed in cardiovascular, leukocyte- containing and other tissues. |
| Product Categories/Family for EDG-1 lysate   | <a href="#">Control Lysate</a> ; <a href="#">Western Blotting Controls</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lysate/sphingosine-1-phosphate-receptor-1-edg-1/60512>