

# SGPP2 rabbit monoclonal antibody

Catalog # H00130367-K      Size 100 ug x up to 3

## Specification

|                                |   |
|--------------------------------|---|
| <b>Product Description</b>     | Rabbit monoclonal antibody raised against a human SGPP2 peptide using ARM Technology.   |
| <b>Immunogen</b>               | A synthetic peptide of human SGPP2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.   |
| <b>Host</b>                    | Rabbit  |
| <b>Library Construction</b>    | Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).  |
| <b>Expression</b>              | Overexpression vector and transfection into 293H cell line.   |
| <b>Reactivity</b>              | Human   |
| <b>Purification</b>            | Protein A   |
| <b>Isotype</b>                 | IgG   |
| <b>Quality Control Testing</b> | Antibody reactive against human SGPP2 peptide by ELISA and mammalian transfected lysate by Western Blot.  |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4   |
| <b>Storage Instruction</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.  |
| <b>Deliverable</b>             | Up to three rabbit IgG clones of 100 ug each will be delivered to customer.   |
| <b>Note</b>                    | <ol style="list-style-type: none"><li>1. Customer may provide cell or tissue lysate for antibody screening.</li><li>2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)<sub>2</sub>, IgG, scFv and different Fc and non-Fc conjugates per customer request.</li></ol> |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SGPP2

|                     |  |
|---------------------|--|
| Entrez GeneID       | <a href="#">130367</a>   |
| GeneBank Accession# | <a href="#">SGPP2</a>  |
| Gene Name           | SGPP2  |
| Gene Alias          | FLJ39004, SPP2   |
| Gene Description    | sphingosine-1-phosphate phosphatase 2  |
| Gene Ontology       | <a href="#">Hyperlink</a>  |
| Gene Summary        | Sphingosine-1-phosphate (S1P) is a bioactive sphingolipid metabolite that regulates diverse biological processes. SGPP2 catalyzes the degradation of S1P (Ogawa et al., 2003 [PubMed 12411432]).[supplied by OMIM] |
| Other Designations  | sphingosine 1-phosphate phosphohydrolase 2   |

## Pathway

- [Sphingolipid metabolism](#)