

# CD48 polyclonal antibody

Catalog # PAB16185      Size 100 ug

## Specification

|                            |                                                                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against recombinant CD48.                                                                                                 |
| <b>Immunogen</b>           | Recombinant protein corresponding to human CD48.                                                                                                            |
| <b>Host</b>                | Rabbit                                                                                                                                                      |
| <b>Reactivity</b>          | Human                                                                                                                                                       |
| <b>Form</b>                | Lyophilized                                                                                                                                                 |
| <b>Recommend Usage</b>     | ELISA (0.5-1 ug/mL)<br>The optimal working dilution should be determined by the end user.                                                                   |
| <b>Storage Buffer</b>      | Lyophilized from PBS.                                                                                                                                       |
| <b>Storage Instruction</b> | Store at -20°C on dry atmosphere.<br>After reconstitution with deionized water, store at -20°C or lower.<br>Aliquot to avoid repeated freezing and thawing. |

## Applications

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — CD48

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| <b>Entrez GeneID</b>    | <a href="#">962</a>                                |
| <b>Gene Name</b>        | CD48                                               |
| <b>Gene Alias</b>       | BCM1, BLAST, BLAST1, MEM-102, SLAMF2, hCD48, mCD48 |
| <b>Gene Description</b> | CD48 molecule                                      |

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Omim ID            | <a href="#">109530</a>                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Summary       | BLAST1 is the designation used for an activation-associated cell surface glycoprotein of 40 to 45 kD expressed primarily in mitogen-stimulated human lymphocytes. The protein sequence predicted by the cDNA encoding BLAST1 indicates that BLAST1 is a member of the immunoglobulin supergene family. Yokoyama (1991) identified the BLAST1 activation/adhesion molecule as CD48.[s applied by OMIM |
| Other Designations | CD48 antigen (B-cell membrane protein) OTTHUMP00000025680 OTTHUMP00000060268                                                                                                                                                                                                                                                                                                                         |

## Pathway

- [Natural killer cell mediated cytotoxicity](#)

## Disease

- [Adenocarcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)