

## Active Recombinant Mouse Cd48, His-tagged

**Cat. No.** Cd48-459M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Cd48 (Accession # BAE96326) Phe23-Arg216, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.                                          |
| <b>Species</b>              | Mouse                                                                                                                                                                                         |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                               |
| <b>ProteinLength</b>        | 23-216 a.a.                                                                                                                                                                                   |
| <b>Predicted N Terminal</b> | Phe23                                                                                                                                                                                         |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                            |
| <b>Bio-activity</b>         | Measured by its binding ability in a functional ELISA. Immobilized rm2B4/Fc Chimera at 5 µg/mL (100 µL/well) can bind rmCD48 with a linear range of 0.15 - 10 µg/mL.                          |
| <b>Molecular Mass</b>       | Recombinant Mouse Cd48, His-tagged has a calculated MW of 23.0 kDa. In SDS-PAGE migrates as 50-60 kDa, reducing conditions.                                                                   |
| <b>Purity</b>               | >97%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                   |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C). |

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## GENE INFORMATION

|                 |                                                                                                                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Cd48 CD48 antigen [ Mus musculus ]                                                                                                                             |
| Official Symbol | Cd48                                                                                                                                                           |
| Synonyms        | CD48; CD48 antigen; HM48-1; BCM1 surface antigen; MRC OX-45 surface antigen; BCM1; BLAST; Bcm-1; BLAST1; SLAMF2; Sgp-60; BLAST-1; MEM-102; AI449234; AW610730; |
| Gene ID         | 12506                                                                                                                                                          |
| mRNA Refseq     | NM_007649                                                                                                                                                      |
| Protein Refseq  | NP_031675                                                                                                                                                      |
| MIM             |                                                                                                                                                                |

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