

## Rabbit anti-Human CD48 Monoclonal Antibody | anti-CD48 antibody

Anti-CD48 antibody (DM44), Rabbit mAb

|                              |                       |                            |                                                                |
|------------------------------|-----------------------|----------------------------|----------------------------------------------------------------|
| CATALOG #<br><b>AAA47285</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay, ELISA</b> |
|------------------------------|-----------------------|----------------------------|----------------------------------------------------------------|

### PRODUCT SYNONYMS

CD48; Monoclonal Antibody; Anti-CD48 antibody (DM44); Rabbit mAb; BCM1; SLAMF2; BLAST; BLAST1; MEM-102; TCT.1; BCM-1; SLAMF-2; BLAST-1; anti-CD48 antibody

### PRODUCT SPECIFICATIONS

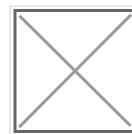
|                                                |                                                                            |
|------------------------------------------------|----------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                     |
| Reactivity                                     | Human                                                                      |
| Clonality                                      | Monoclonal                                                                 |
| Isotype                                        | Rabbit IgG                                                                 |
| Clone Number                                   | DM44                                                                       |
| Purity/Purification                            | Purified from cell culture supernatant by affinity chromatography          |
| Form/Format                                    | Liquid. 50% Glycerol; PBS, pH7.4; 0.1% BSA; 0.1% Procline 300              |
| Applicable Applications for anti-CD48 antibody | FCM/FACS (Flow Cytometry), ELISA                                           |
| Immunogen                                      | Recombinant human CD48 (Gln27-Set220) produced by using human HEK293 cells |
| Reconstitution                                 | Reconstitute with deionized water                                          |
| Preparation and Storage                        | Store at -20 degree C for 12 months (Avoid repeated freezing and thawing)  |

### IMAGES



#### FCM/FACS (Flow Cytometry)

Figure 1. Expi 293 cell line transfected with irrelevant protein (left) and human CD48 (right) were surface stained with Rabbit anti-CD48 monoclonal antibody 1ug/ml ( clone: DM44) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.



#### FCM/FACS (Flow Cytometry)

Figure 1. Expi 293 cell line transfected with irrelevant protein (left) and human CD48 (right) were surface stained with Rabbit anti-CD48 monoclonal antibody 1ug/ml ( clone: DM44) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-CD48 antibody

This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 114871                                             |
| NCBI GeneID                      | 962                                                |
| UniProt Accession #              | P09326; Q5U055; Q8MGRO                             |
| Molecular Weight                 | 19,429 Da                                          |
| NCBI Official Full Name          | CD48 antigen                                       |
| NCBI Official Synonym Full Names | CD48 molecule                                      |
| NCBI Official Symbol             | CD48                                               |
| NCBI Official Synonym Symbols    | BCM1; BLAST; hCD48; mCD48; BLAST1; SLAMF2; MEM-102 |
| NCBI Protein Information         | CD48 antigen                                       |
| UniProt Protein Name             | CD48 antigen                                       |
| UniProt Gene Name                | CD48                                               |
| UniProt Synonym Gene Names       | BCM1; BLAST1; SLAMF2                               |

**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/monoclonal/cd48-antibody-clone-dm44-flow-cytometry-elisa/47285>