

## AF/LE Purified Anti-Mouse CD48 Antibody[HM48-1]

|                    |  |                     |           |
|--------------------|--|---------------------|-----------|
| <b>Catalog No.</b> | E-AB-F10170                                | <b>Reactivity</b>   | Mouse     |
| <b>Storage</b>     | Store at 2~8°C, Avoid freeze / thaw cycles | <b>Applications</b> | Block,FCM |

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Antigen Information

|                        |   |
|------------------------|---|
| <b>Alternate Names</b> | CD48 antigen,Cd48,BCM1 surface antigen,BLAST-1,HM48-1,MRC OX-45 surface antigen,SLAMF2,sgp-60,CD48  |
| <b>Uniprot ID</b>      | P18181  |
| <b>Background</b>      | CD48 is a 45 kD GPI-anchored glycoprotein also known as BCM1, Blast-1 (human), and OX-45 (rat). It is a member of the Ig superfamily, expressed on T and B cells and monocytes/macrophages. It plays a role in adhesion and T cell recognition. The primary ligands for CD48 are CD2 and CD244. |

### Product Details

|                                |   |
|--------------------------------|---|
| <b>Form</b>                    | Liquid  |
| <b>Concentration</b>           | 0.5 mg/mL   |
| <b>Size</b>                    | 50µg/500µg/1mg  |
| <b>Clone No.</b>               | HM48-1  |
| <b>Host</b>                    | Armenian Hamster  |
| <b>Isotype</b>                 | Armenian Hamster IgG  |
| <b>Reactivity</b>              | Mouse   |
| <b>Application</b>             | Block,FCM   |
| <b>Isotype Control</b>         | <a href="#">AF/LE Purified Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F098530]</a>   |
| <b>Storage Buffer</b>          | 0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay. |
| <b>Shipping</b>                | Biological ice pack at 4 °C   |
| <b>Stability &amp; Storage</b> | Keep as concentrated solution.<br>Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.<br>This product is guaranteed up to one year from purchase.        |

### For Research Use Only

## Fluorophore

**Conjugation:** None (Purified antibody-Azide Free/Low endotoxin)

## Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 0.25 \mu\text{g}$  per  $10^6$  cells in  $100 \mu\text{L}$  volume or  $100 \mu\text{L}$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

## Related Information

1. Sample Preparation for Flow Cytometry <https://www.elabscience.com/List-detail-5594.html>
2. Staining Cell Surface Targets for Flow Cytometry <https://www.elabscience.com/List-detail-5568.html>
3. Flow Cytometry Troubleshooting Tips <https://www.elabscience.com/List-detail-5593.html>
4. How to select the appropriate detection channel through the spectrogram? <https://www.elabscience.com/List-detail-459742.html>