

## Elab Fluor® 700 Anti-Mouse CD48 Antibody[HM48-1]

**Catalog Number:** E-AB-F1017M1

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

### Description

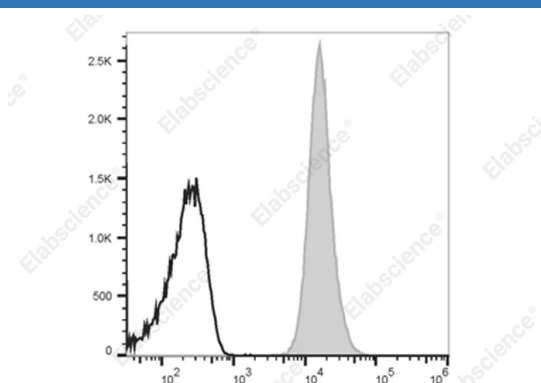
<b>Reactivity</b>	Mouse
<b>Host</b>	Armenian Hamster
<b>Isotype</b>	Armenian Hamster IgG
<b>Clone No.</b>	HM48-1
<b>Isotype Control</b>	Elab Fluor® 700 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852M1]
<b>Conjugation</b>	Elab Fluor® 700
<b>Conjugation Information</b>	Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Applications

### Recommended usage

<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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### Data



Staining of C57BL/6 murine splenocytes with Elab Fluor® 700 Anti-Mouse CD48 Antibody[HM48-1] (filled gray

histogram) or Elab Fluor® 700 Armenian Hamster IgG Isotype Control (empty black histogram). Total viable cells were used for analysis.

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### 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;
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Rev. V1.8

**Uniprot ID**

P18181

**Gene ID**

12506

**Background**

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.