

A Reliable Research Partner in Life Science and Medicine

# 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**

Reactivity Mouse

Host Armenian Hamster Isotype Armenian Hamster IgG

Clone No. HM48-1

Isotype Control Elab Fluor® 700 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852M1]

Conjugation Elab Fluor®700

**Conjugation Information** 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).

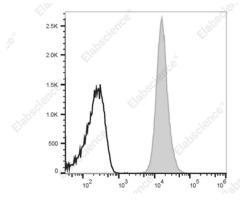
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

#### **Applications** Recommended usage

**FCM** 

Each lot of this antibody is quality control tested by flow cytometric analysis. 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). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

#### 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**

Storage 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.

Shipping Ice bag

#### **Antigen Information**

CD48 antigen;Cd48;BCM1 surface antigen;BLAST-1;HM48-1;MRC OX-45 surface **Alternate Names** 

antigen; SLAMF2; sgp-60; CD48;

**Uniprot ID** P18181

## For Research Use Only

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#### **Elabscience Bionovation Inc.**



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Gene ID

Background

12506

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 lg 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.