

A Reliable Research Partner in Life Science and Medicine

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

Catalog Number: E-AB-F1017UM1

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-F09853M1]

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).

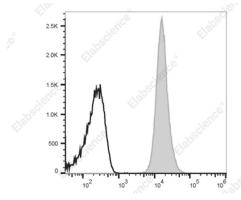
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μ g/10⁶ cells in 100 μ L volume].

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 lce bag

Antigen Information

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

antigen; SLAMF2; sgp-60; CD48;

Uniprot ID P18181

For Research Use Only

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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.