

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Red 780 Anti-Mouse CD48 Antibody[HM48-1]

Catalog Number: E-AB-F1017S

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® Red 780 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-

F09852S1

Conjugation Elab Fluor® Red 780

Conjugation Information Elab Fluor® Red 780 is designed to be excited by the Red (627-640 nm) laser and

detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter).

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

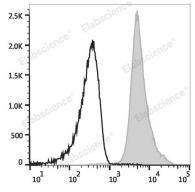
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. 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



C57BL/6 murine splenocytes are stained with Elab Fluor® Red 780 Anti-Mouse CD48 Antibody (filled gray histogram)

or Elab Fluor® Red 780 Armenian Hamster IgG Isotype Control (empty black histogram).

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

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

surface antigen; SLAMF2; sgp-60

Uniprot ID P18181 Gene ID 12506

For Research Use Only

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Background

CD48 is a 45 kD GPl-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.

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