

A Reliable Research Partner in Life Science and Medicine

PE Anti-Mouse CD48 Antibody[HM48-1]

Catalog Number: E-AB-F1017D

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 PE Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852D]

Conjugation PE

Conjugation Information PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green

(561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42

nm bandpass filter).

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

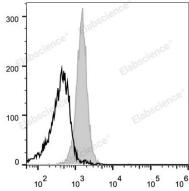
Applications Recommended usage

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L 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 PE Anti-Mouse CD48 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

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

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

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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