

A Reliable Research Partner in Life Science and Medicine

PerCP Anti-Mouse CD48 Antibody[HM48-1]

Catalog Number: E-AB-F1017UF

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 [Product E-AB-F09853F]

Conjugation PerCP

Conjugation Information PerCP is designed to be excited by the blue laser (488 nm) and detected using an optical

filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).

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

Applications Recommended usage

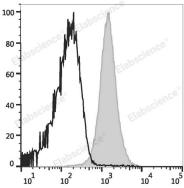
FCM Each lot of this antibody is quality control tested by flow cytometric analysis. Please

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 $0.1-1 \mu g/10^6$ cells

reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10° cel in 100 µl, volume]

in 100 μL volume].

Data



C57BL/6 murine splenocytes are stained with PerCP Anti-Mouse CD48 Antibody (filled gray histogram) or PerCP 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

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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