

Biotin Anti-Mouse CD48 Antibody[HM48-1]

Catalog Number: E-AB-F1017B

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

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| Reactivity | Mouse |
| Host | Armenian Hamster |
| Isotype | Armenian Hamster IgG |
| Clone No. | HM48-1 |
| Isotype Control | Biotin Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853B] |
| Conjugation | Biotin |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |

Applications

Recommended usage

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| FCM | Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. |
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Preparation & Storage

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| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Do not freeze. |
| Shipping | Ice bag |

Antigen Information

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| 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 |
| Background | 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 Ig 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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