



Product Datasheet

Low Endotoxin Purified Anti-Mouse CD48 Antibody [HM48-1]

Catalogue Code: AGEL0689

Antibody Data

Product SKU:	AGEL0689	Clone:	HM48-1
Applications:	FCM;Block		
Reactivity:	Mouse		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product 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
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.
Form:	Liquid
Conjugation:	None (AF/LE)
Size:	50µg, 500µg, 1mg
Host Species:	Armenian Hamster
Isotype:	Armenian Hamster IgG
Isotype Control:	AF/LE Purified Armenian Hamster IgG Isotype Control[PIP] [Product AGEL0689]
Storage Buffer:	0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
Shipping:	Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 0.25 \mu\text{g}$ 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.
