



Anti-CD48 monoclonal antibody, clone OX-78 [R-PE] (CABT-51660RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD48 antibody, clone OX-78 labels mouse thymocytes, B and T cells and macrophages. CD48 is a ligand for the mouse CD2 cell surface antigen. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Specificity	CD48
Immunogen	Recombinant soluble mouse CD48
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	OX-78
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Cd48 CD48 antigen [<i>Mus musculus</i> (house mouse)]
Official Symbol	CD48
Synonyms	CD48; CD48 antigen; BCM1; BLAST; Bcm-1; BLAST1; SLAMF2; Sgp-60; BLAST-1; MEM-102; AI449234; AW610730; HM48-1; BCM1 surface antigen; SLAM family member 2; MRC OX-45 surface antigen; signaling lymphocytic activation molecule 2;
Entrez Gene ID	12506
Protein Refseq	NP_031675
UniProt ID	P18181
Chromosome Location	1 H3; 1 79.54 cM
Pathway	Cell surface interactions at the vascular wall; Hemostasis; Natural killer cell mediated cytotoxicity;
Function	antigen binding; protein binding; receptor activity;