



Anti-CD244 monoclonal antibody, clone 2B4.69 [R-PE] (CABT-48430MH)

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

PRODUCT INFORMATION

Product Overview

Mouse anti Human CD244 antibody, clone 2B4.69 recognizes the CD244 cell surface antigen, also known as natural killer receptor 2B4 (NKG2B4). CD244 is a 370 amino acid single pass type I transmembrane glycoprotein with two Ig-like V type domains. CD244 is a member of the SLAM family of receptors which is expressed on natural killer (NK) cells, gamma delta T cells, CD14+ monocytes, and a subset of CD8+ T cells. CD244 was originally identified as an activating receptor on NK cells, although recent studies suggest that the receptor may have a wide range of activities including NK cell activation, costimulation, or even inhibition, depending on the cell type and stage of differentiation. The ligand of CD244 is CD48, a GPI-anchored membrane protein also belonging to the SLAM family. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10⁶ cells in 100ul.

Specificity	CD244
Immunogen	CD244 Fusion protein.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2B4.69
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. After 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	CD244 CD244 molecule, natural killer cell receptor 2B4 [Homo sapiens (human)]
Official Symbol	CD244
Synonyms	CD244; CD244 molecule, natural killer cell receptor 2B4; 2B4; NAIL; Nmrk; NKR2B4; SLAMF4; natural killer cell receptor 2B4; h2B4; SLAM family member 4; NK cell activation-inducing ligand; NK cell type I receptor protein 2B4; NK cell activation inducing li
Entrez Gene ID	51744
Protein Refseq	NP_001160135
UniProt ID	Q9BZW8
Chromosome Location	1q23.3
Pathway	Cell surface interactions at the vascular wall; Hemostasis; Natural killer cell mediated cytotoxicity;
Function	protein binding; receptor activity;