

Datasheet for ABIN120314 **anti-2B4 antibody (PE)**



[Go to Product page](#)

Overview

Quantity:	100 tests
Target:	2B4 (CD244)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This 2B4 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	CD244 Fusion protein. Spleen cells from immunised Balb/c mice were fused with cells of the NS-1 myeloma cell line.
Clone:	2B4-69
Isotype:	IgG1
Specificity:	This antibody is specific for the CD244 cell surface antigen, also known as natural killer receptor 2B4 (NKG2B4).
Purification:	Affinity chromatography on Protein G

Target Details

Target:	2B4 (CD244)
Alternative Name:	CD244 (CD244 Products)

Target Details

Background: The glycoprotein 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 2B4 is CD48, a GPI-anchored membrane protein also belonging to the SLAM family. Synonyms: NAIL, NK cell activation-inducing ligand, NK cell type I receptor protein 2B4, NKR2B4, Natural killer cell receptor 2B4

Gene ID: 51744

NCBI Accession: [NP_001160135](#)

UniProt: [Q9BZW8](#)

Application Details

Application Notes: Flow Cytometry: neat - 1/10, use 10 µL of the suggested working dilution to label 10⁶ cells in 100 µL.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Reconstitution: Restore with 1.0 mL distilled water

Concentration: 0.1 mg/mL

Buffer: PBS, pH 7.4 containing 0.09 % Sodium Azide and 1 % Bovine Serum Albumin

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Can be shipped at 2-8 °C. Upon arrival store (in aliquots) at -20 °C.