

Datasheet for ABIN120312 **anti-2B4 antibody**



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Overview

Quantity:	0.2 mg
Target:	2B4 (CD244)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This 2B4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP)

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: Use 10 µL of 1/50-1/200 diluted antibody to label 10⁶ cells in 100 µL. Immunoprecipitation. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS, pH 7.4 containing 0.09 % Sodium Azide as preservative.

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: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.