

Datasheet for ABIN7566586
anti-2B4 antibody (PE,Cy5)



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Overview

Quantity:	2 x 100 tests
Target:	2B4 (CD244)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This 2B4 antibody is conjugated to PE,Cy5
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	PE/Cyanine5 Anti-Human CD244 Antibody[C1.7]
Clone:	C1-7
Isotype:	IgG1, kappa

Target Details

Target:	2B4 (CD244)
Alternative Name:	CD244 (CD244 Products)
Background:	2B4,SLAMF4,CD244, known as 2B4, is a 38 kD type I transmembrane protein. It is a member of the CD2 subset of the immunoglobulin superfamily (IgSF) molecules. CD244 is expressed on NK cells, a subset of T cells (including most CD8+ T cells and γ/δ T cells), monocytes, basophils, and eosinophils. CD48 is the ligand of CD244. It has been reported that ligation of human CD244 results in enhanced NK cell cytotoxicity and cytokine production. Recent studies

Target Details

have shown that human CD244, like murine CD244, has both activating and inhibitory functions, which are dependent on the density of surface 2B4 expression, degree of ligation, and the level of the adaptor molecule SAP expression.

Gene ID: 51744

UniProt: [Q9BZW8](#)

Application Details

Application Notes: Each lot of this antibody is quality control tested by flow cytometric analysis. Applications vary, the appropriate dilutions must be determined for individual use.
FCM: 5 µL/test

Comment: Matching Isotype Control: abo_E-AB-F09792G

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09 % stabilizer and 1 % protein protectant.

Storage: 4 °C

Storage Comment: This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

Expiry Date: 12 months