Datasheet for ABIN2660053

anti-2B4 antibody (PerCP-Cy5.5)

2 Images

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Overview

Quantity:	100 tests
Target:	2B4 (CD244)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This 2B4 antibody is conjugated to PerCP-Cy5.5
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Clone:	C1-7
Isotype:	IgG1 kappa
Purification:	The antibody was purified by affinity chromatography and conjugated with PerCP/Cy5.5 under optimal conditions. The solution is free of unconjugated PerCP/Cy5.5 and unconjugated antibody.

Target Details

Target:	2B4 (CD244)
Alternative Name:	CD244 (CD244 Products)
Background:	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 majority of CD8+ T cells and γ/δ T cells), monocytes, basophils, and

Target Details

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 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.

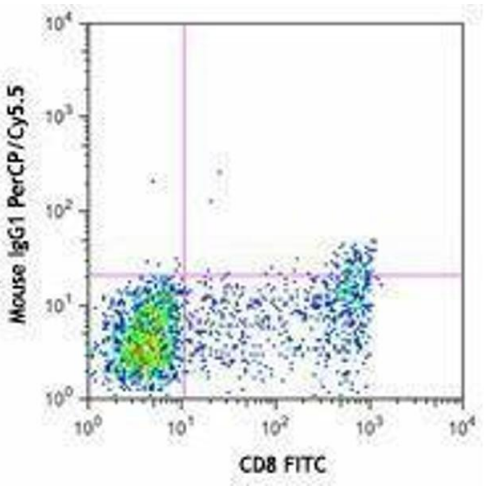
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

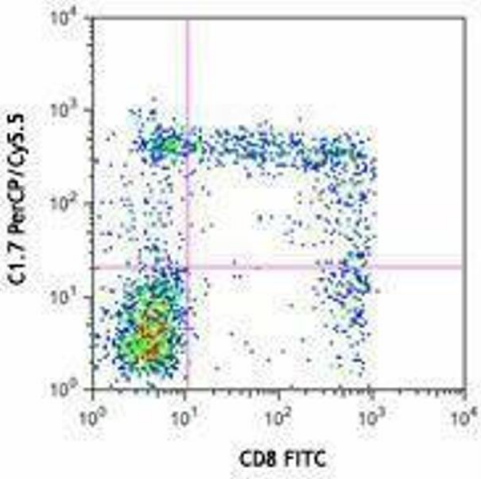
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.



Flow Cytometry

Image 2.