

Datasheet for ABIN376612
anti-CD56 antibody (PE-Cy5.5)



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1 Image

Overview

Quantity:	100 tests
Target:	CD56 (NCAM1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD56 antibody is conjugated to PE-Cy5.5
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Acute myelogenous leukemia cell line KG-1
Clone:	MEM 188
Isotype:	IgG2a
Specificity:	Human/Porcine CD56, Mr 175-220 kDa
Characteristics:	Mouse Anti-Human CD56-PE/CY5.5
Purification:	Purified

Target Details

Target:	CD56 (NCAM1)
Alternative Name:	CD56 (NCAM1 Products)
Background:	CD56, an isoform of the neural cell adhesion molecule (NCAM), is a 220 kDa heavily

Target Details

glycosylated type I transmembrane protein. On human hematopoietic cells, its expression is restricted to NK cells and a subpopulation of T lymphocytes (known as large granular lymphocytes) which demonstrate natural killer activity. While it is clear that NCAM plays a role in homotypic adhesion of neuronal cells, the significance of CD56 expression on NK cells is not clear and remains controversial.

Application Details

- Application Notes:
- **Applications:** FC - Quality tested , IHC-FS - Reported in literature , ICC - Reported in literature , Sep - Reported in literature , Block - Reported in literature
 - **Working Dilutions:** Flow Cytometry Purified (UNLB) antibody 1 g/106 cells FITC, BIOT, PE, SPRD, PE/CY5.5, PACBLU, AF488, and AF700 10 L/106 cells conjugates For flow cytometry, the suggested use of these reagents is in a final volume of 100 L

Restrictions: For Research Use only

Handling

Buffer: 100 tests in 1.0 mL of PBS/Sodium azide

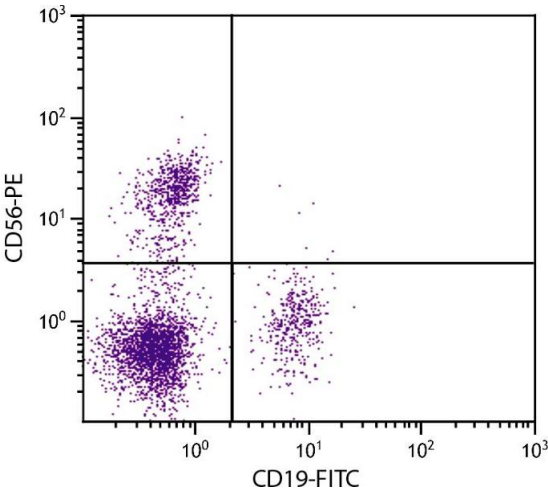
Preservative: Sodium azide

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

Handling Advice: **Protect conjugated products from light.**
Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage: 4 °C

Storage Comment: Store at 2-8°C



Flow Cytometry

Image 1. Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD56-PE.