

Datasheet for ABIN7539539
anti-CD56 antibody (APC-iFluor™700)



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Overview

Quantity:	100 tests
Target:	CD56 (NCAM1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD56 antibody is conjugated to APC-iFluor™700
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD56 APC-iFluor700 Antibody
Immunogen:	Human myotube cells
Clone:	5-1H11
Isotype:	IgG1, kappa
Characteristics:	The clone 5.1H11, a mouse monoclonal antibody, selectively binds to the human 140- kDa glycoprotein, an isoform of neural cell adhesion molecule (NCAM) known as CD56. It is a member of Immunoglobulin (Ig) superfamily. CD56 and CD16 expressing lymphocytes are primarily considered as human NK cells and NK-T cells. A subset of CD56+ NK cells plays a unique functional role in the innate immune response as the primary source of NK cell-derived immunoregulatory cytokines, regulated in part by differential monokine production. CD56 is expressed in normal and as well as neoplastic human neuroendocrine tissues, certain large granular lymphocyte (LGL) leukemias, small-cell lung carcinomas, neuronal derived tumors,

Product Details

myelomas, and myeloid leukemias. Additionally, increased CD56+ lymphocyte subsets in peripheral blood are a significant predictive or prognostic factor in metastatic breast cancer.

Purification: Purified

Purity: >95 %

Grade: GMP Grade (Analyte)

Target Details

Target: CD56 (NCAM1)

Alternative Name: CD56 ([NCAM1 Products](#))

Gene ID: 4684

UniProt: [P13591](#)

Application Details

Application Notes: FC: 5 µL/test We recommend that every lab carries out an initial titration study before running your samples to ensure that the optimal concentration is selected for your application.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.2, 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.

Storage: 4 °C

Storage Comment: 2-8°C, Conjugated antibodies should never be frozen.