

Datasheet for ABIN7489337
anti-CD56 antibody (mFluor™450)



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Overview

Quantity:	100 tests
Target:	CD56 (NCAM1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD56 antibody is conjugated to mFluor™450
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD56 mFluor450 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

Target Details

Target:	CD56 (NCAM1)
Alternative Name:	CD56 (NCAM1 Products)
Gene ID:	4684
UniProt:	P13591

Application Details

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

Handling

Format:	Liquid
Buffer:	PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) 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.
Storage:	4 °C
Storage Comment:	2-8°C, Conjugated antibodies should never be frozen.