Datasheet for ABIN5067797

anti-CD13 antibody (PerCP-Cy5.5)

2 Images

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Overview

Quantity:	100 tests
Target:	CD13 (ANPEP)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD13 antibody is conjugated to PerCP-Cy5.5
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant human CD13 protein
Clone:	APN-1464
Isotype:	IgG1 kappa
Characteristics:	Clone APN1464 recognizes cell surface CD13 antigen, a 150 kDa membrane glycoprotein. The CD13 antigen is highly expressed mostly on myeloid-derived hematopoietic cells including granulocytes, monocytes, mast cells, and GM-progenitor cells. CD13 abundantly expresses on most of the malignant cells of myeloid origin such as AML, CML and also on smaller subset of cancer cells of lymphoid origin. Normal lymphocytes, platelets and erythrocytes do not express CD13. CD13 plays important role in metabolism of biologically active peptides, in phagocytosis, and in bactericidal/tumoricidal immune process. It also serves as a receptor for human coronaviruses (HCV).
Purification:	Purified

Product Details

Purity:	>95 %
Grade:	GMP Grade

Target Details

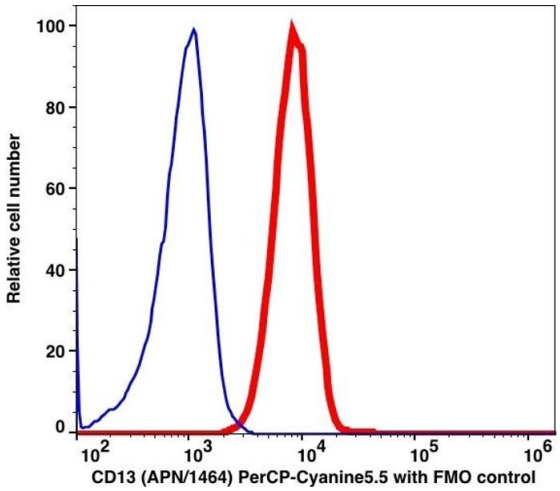
Target:	CD13 (ANPEP)
Alternative Name:	CD13 (ANPEP Products)
Background:	Clone APN1464 recognizes cell surface CD13 antigen, a 150 kDa membrane glycoprotein. The CD13 antigen is highly expressed mostly on myeloid-derived hematopoietic cells including granulocytes, monocytes, mast cells, and GM-progenitor cells. CD13 abundantly expresses on most of the malignant cells of myeloid origin such as AML, CML and also on smaller subset of cancer cells of lymphoid origin. Normal lymphocytes, platelets and erythrocytes do not express CD13. CD13 plays important role in metabolism of biologically active peptides, in phagocytosis, and in bactericidal/tumoricidal immune process. It also serves as a receptor for human coronaviruses (HCV).
NCBI Accession:	NP_001141
UniProt:	P15144
Pathways:	Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

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



Flow Cytometry

Image 1.

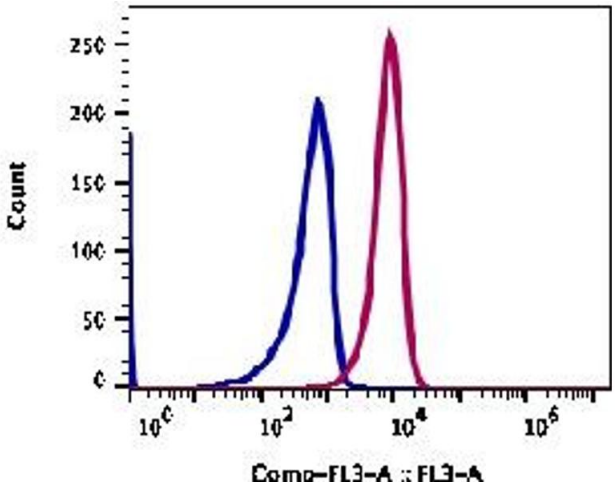


Image 2.