

Datasheet for ABIN7076323
anti-KIT antibody (PE-Cy5)



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1 Image

Overview

Quantity:	50 tests
Target:	KIT
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KIT antibody is conjugated to PE-Cy5
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD117 PE-Cyanine5 Antibody
Immunogen:	Human lymphoblastoid cell line HSB-2
Clone:	BA7-3C-9
Isotype:	IgG2a, kappa
Characteristics:	Clone BA7.3C.9 reacts with CD117, a 145 kDa type I transmembrane glycoprotein in the receptor tyrosine kinase (RTK) family. The CD117 antigen is also known as c-kit and stem cell factor receptor (SCFR). The CD117 antigen is expressed primarily on hematopoietic progenitor cells, mast cells and neural crest-derived melanocytes.
Purification:	Purified
Purity:	>95 %
Grade:	GMP Grade (Analyte)

Target Details

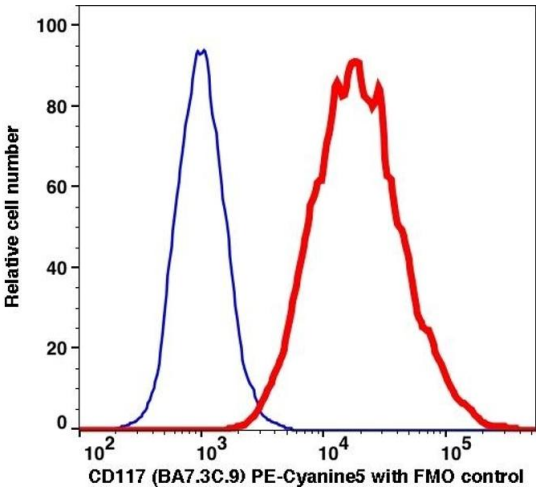
Target:	KIT
Alternative Name:	CD117 (KIT Products)
Gene ID:	3815
NCBI Accession:	NP_000213 , NP_001087241
UniProt:	P10721
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Sensory Perception of Sound , Stem Cell Maintenance , Production of Molecular Mediator of Immune Response , Regulation of long-term Neuronal Synaptic Plasticity

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.



Flow Cytometry

Image 1.