

Datasheet for ABIN1383883
anti-KIT antibody (Biotin)



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1 Image

Overview

Quantity:	1 mL
Target:	KIT
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KIT antibody is conjugated to Biotin
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant c-kit, Myeloma X63/AG.8653 x Balb/c spleen cells
Clone:	B-K15
Isotype:	IgG1 kappa
Specificity:	Recognises the Stem Cell Factor Receptor, SCF R, c-kit, a 145 kDa protein
Purification:	Ion exchange chromatography

Target Details

Target:	KIT
Alternative Name:	CD117 (KIT Products)
Background:	C-kit
Molecular Weight:	145 kDa

Target Details

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: Use 10 µL to label 10⁶ cells or 100 µL of whole blood

Restrictions: For Research Use only

Handling

Format: Liquid

Reconstitution: Reconstitute with 1 mL deionised water

Buffer: Lyophilised in phosphate-buffered saline with 1 % BSA and 0.1 % sodium azide

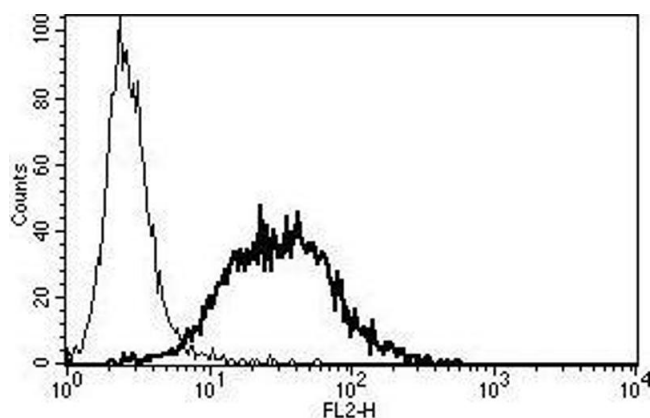
Preservative: Sodium azide

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: Stable at +2-8°C for six months after reconstitution. For longer storage freeze aliquots.

Images



Flow Cytometry

Image 1. A typical staining pattern with the B-K15 monoclonal antibody of TF1 cell line