

## Datasheet for ABIN3071780 **anti-KIT antibody (PE)**



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### 1 Image

#### Overview

Quantity:	100 tests
Target:	KIT
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KIT antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

#### Product Details

Purpose:	CD117 PE Antibody
Immunogen:	Spleen cells were fused with NS-1 mouse myeloma cells
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

## Target Details

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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

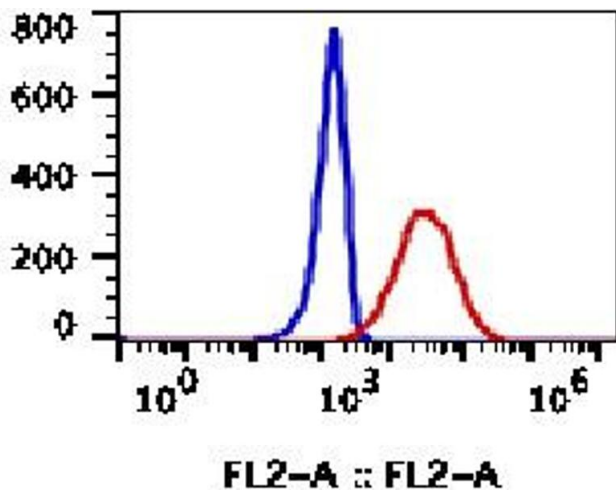
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	25 µg/mL
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.



### Flow Cytometry

Image 1.