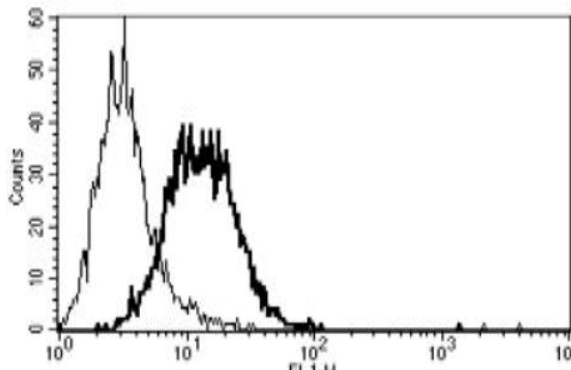


KIT

Mouse Anti-Human CD117/c-Kit (Clone B-K15) mAb, Azide Free

Catalog No.	CDM203A CDM203B	Quantity:	200 µg 500 µg
Alternate Names:	C-Kit, CD117, PBT, SCFR, v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog, Mast/stem cell growth factor receptor Kit		
Description:	The protein is the human homolog of the proto-oncogene c-kit. C-kit was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. This protein is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in this gene are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia, and piebaldism.		
UniProt ID:	P10721		
Gene ID:	3815		
Concentration:	1.0 mg/ml		
Specificity:	Recognises the Stem Cell Factor Receptor, SCF R, c-kit, a 145 kDa protein		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Immunogen:	Recombinant c-kit		
Isotype:	Mouse IgG1		
Clone:	B-K15		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Purification:	Ion exchange chromatography		
Biological Activity:	Inhibits the KIT ligand induced proliferation of TF1 cell line		
Applications:	Functional Studies, ELISA, Flow cytometry.		
Application Notes:	Use 10 µl to label 10 ⁶ cells or 100 µl of whole blood		
Storage & Stability:	Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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



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NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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