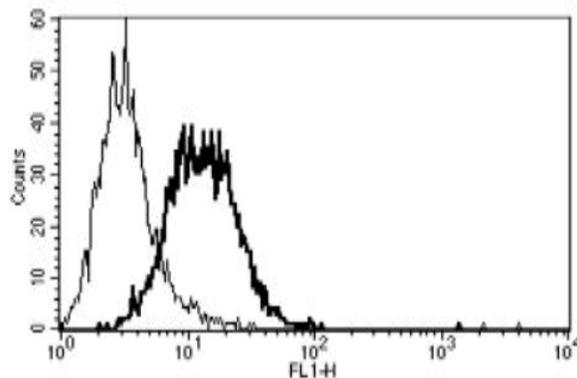


KIT

Mouse Anti-Human CD117/c-Kit Clone B-K15 mAb

Catalog No.	CDM205	Quantity:	200 tests
Alternate Names:	C-Kit, CD117, PBT, SCFR		
Description:	Mouse Anti-Human CD117/c-Kit Clone B-K15 monoclonal antibody 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.		
Concentration:	200 tests / 2 ml		
Gene ID:	3815		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Specificity:	Recognises the Stem Cell Factor Receptor, SCF R, c-kit, a 145 kDa protein		
Host:	Mouse		
Immunogen:	Recombinant c-kit		
Isotype:	IgG1		
Clone:	B-K15		
Formulation:	PBS + 1% BSA + 0.1% sodium azide.		
Purification:	Ion exchange chromatography		
Applications:	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. Stable for 1 year. For longer storage, aliquot and freeze at -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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