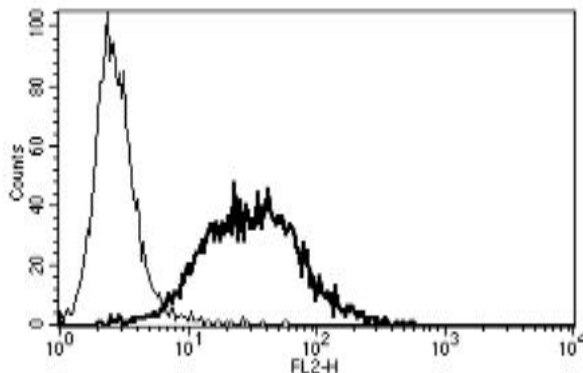


## KIT

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

<b>Catalog No.</b>	CDM206	<b>Quantity:</b>	100 tests
<b>Alternate Names:</b>	C-Kit, CD117, PBT, SCFR		
<b>Description:</b>	<p>Mouse Anti-Human CD117/c-Kit Clone B-K15 PE 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.</p>		
<b>Concentration:</b>	100 tests / 1 ml		
<b>Gene ID:</b>	3815		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x BALB/c spleen cells		
<b>Specificity:</b>	Recognises the Stem Cell Factor Receptor, SCF R, c-kit, a 145 kDa protein		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant c-kit		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	B-K15		
<b>Conjugate:</b>	Biotin		
<b>Formulation:</b>	Lyophilized in PBS + 1% BSA + 0.1% sodium azide.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute with 1 ml distilled water.		
<b>Applications:</b>	Flow cytometry.		
<b>Application Notes:</b>	Use 10 µl to label 10 <sup>6</sup> cells or 100 µl of whole blood		
<b>Storage &amp; Stability:</b>	Store at 2-8°C. Stable for 1 year. For longer storage, aliquot and freeze at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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



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



**Cell Sciences®**  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)

# cellsciences.com



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