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# anti-KIT antibody (N-Term)



**Images** 



Go to Product page

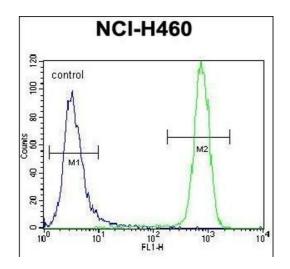
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Quantity:	400 μL	
Target:	KIT	
Binding Specificity:	AA 106-135, N-Term	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This KIT antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	This KIT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 106-135 amino acids from the N-terminal region of human KIT.	
Clone:	RB15297	
Isotype:	lg Fraction	
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.	
Target Details		
Target:	KIT	
Alternative Name:	KIT (KIT Products)	

## **Target Details**

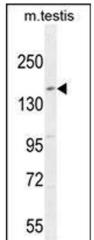
rarget Details		
Background:	KIT is the human homolog of the proto-oncogene c-kit. C-kit was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. KIT is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in KIT are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous lukemia, and piebaldism.	
Molecular Weight:	109865	
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		
Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50. FC: 1:10~50	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 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,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	



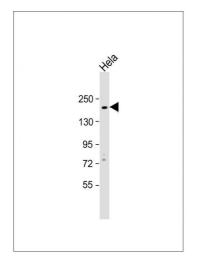
### **Flow Cytometry**

**Image 1.** KIT Antibody (N-term ) (ABIN392010 and ABIN2837978) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



#### **Western Blotting**

**Image 2.** KIT Antibody (N-term ) (ABIN392010 and ABIN2837978) western blot analysis in mouse testis tissue lysates (35  $\mu$ g/lane). This demonstrates the KIT antibody detected the KIT protein (arrow).



#### **Western Blotting**

Image 3. Anti-KIT Antibody (N-term ) at 1:1000 dilution + Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 110 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 5 images are available for ABIN392010.