



c-Kit/CD117 (ABT143R) Rabbit mAb (Ready to Use)

Catalog No	YP-rAb-18180
Isotype	IgG
Reactivity	Human
Applications	IHC
Gene Name	KIT SCFR
Protein Name	C Kit;c-Kit;c-Kit Ligand;CD117;Kit;Kit Ligand;KIT oncogene;KIT proto oncogene receptor tyrosine kinase;KIT_HUMAN;Mast cell growth factor receptor;Mast/stem cell growth factor receptor Kit;MGF;p145 c-kit;PBT;Piebald trait protein;Proto oncogene c Kit;Proto oncogene tyrosine protein kinase Kit;Proto-oncogene c-Kit;SCF Receptor;SCFR;soluble KIT variant 1;Steel Factor Receptor;Stem cell factor receptor;tyrosine protein kinase Kit;Tyrosine-protein kinase Kit;v kit Hardy Zuckerman 4 feline sarcoma viral oncogene homolog;v kit Hardy Zuckerman 4 feline sarcoma viral oncogene like protein;v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
Purification Process	Protein A
Specificity	This antibody detects endogenous levels of c-Kit/CD117
Formulation	The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300
Source	Monoclonal, Rabbit,IgG
Dilution	Ready to use for IHC Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	2° C to 8° C/1 year,Ship by ice bag
Synonyms	C Kit ; c-Kit ; c-Kit Ligand ; CD117 ; Kit ; Kit Ligand ; KIT oncogene ; KIT proto oncogene receptor tyrosine kinase ; KIT_HUMAN ; Mast cell growth factor receptor ; Mast/stem cell growth factor receptor Kit ; MGF ; p145 c-kit ; PBT ; Piebald trait protein ; Proto oncogene c Kit ; Proto oncogene tyrosine protein kinase Kit ; Proto-oncogene c-Kit ; SCF Receptor ; SCFR ; soluble KIT variant 1 ; Steel Factor Receptor ; Stem cell factor receptor ; tyrosine protein kinase Kit ; Tyrosine-protein kinase Kit ; v kit Hardy Zuckerman 4 feline sarcoma viral oncogene homolog ; v kit Hardy Zuckerman 4 feline sarcoma viral oncogene like protein ; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog

Observed Band

Calculated Molecular Weight

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热销产品:

蛋白、一抗、抗体对、ELISA试剂盒、生化试剂盒
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| 宏基因组、转录组、基因组、蛋白组、代谢组测序



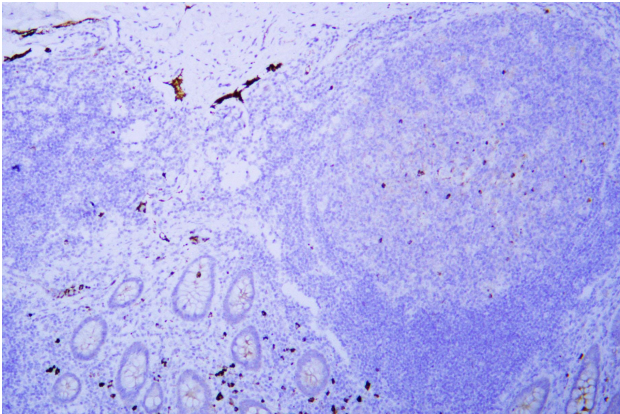
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Cell Pathway	Cytoplasmic, Membranous
Tissue Specificity	Appendix
Function	Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,Disease:Defects in KIT are a cause of gastrointestinal stromal tumor (GIST) [MIM:606764].,Disease:Defects in KIT are a cause of piebaldism [MIM:172800]. Piebaldism is an autosomal dominant genetic developmental abnormality of pigmentation characterized by congenital patches of white skin and hair that lack melanocytes.,Disease:Defects in KIT have been associated with testicular tumors [MIM:273300]. It includes germ cell tumor (GCT) or testicular germ cell tumor (TGCT).,Function:This is the receptor for stem cell factor (mast cell growth factor). It has a tyrosine-protein kinase activity. Binding of the ligands leads to the autophosphorylation of KIT and its association with substrates such as phosphatidylinositol 3-kinase (Pi3K).,online information:CD117 entry,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Interacts with APS. Interacts with MPDZ (via the tenth PDZ domain). Interacts with PTPRU.,
Background	This gene encodes 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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Human appendix was stained with anti-CD117 (C-kit) (ABT143R) rabbit mAb

