
Product Name: CD117(C-kit) Mouse Monoclonal Antibody**Catalog #: AMM22169**

For research use only.

Summary

Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

Application

Dilution Ratio	IHC 1:50-200;ELISA 1:500-5000
Molecular Weight	Calculated MW:120kDa,Observed MW:150kDa

Antigen Information

Gene Name	KIT SCFR 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
Alternative Names	
Gene ID	Human:3815

SwissProt ID Human:P10721,Mouse:P05532
Immunogen Synthesized peptide derived from human CD117 AA range: 1-100

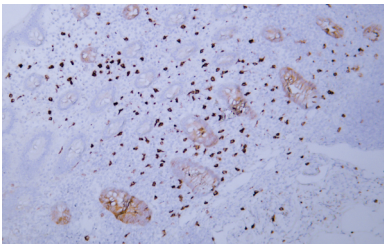
Background

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],

Research Area

Pathology

Image Data



Human appendix tissue was stained with anti-CD117 antibody.