

Product Name: C-Kit Mouse Monoclonal Antibody
Catalog #: AMM80581



Summary

Production Name	C-Kit Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Ascitic fluid containing 0.03% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	C-Kit
Alternative Names	PBT; SCFR; C-Kit; CD117; KIT
Gene ID	3815.0
SwissProt ID	P10721. Purified recombinant fragment of C-kit expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ELISA:1:10000
Molecular Weight	145kDa

Background

C-kit (CD117, 145kDa) functions as a tyrosine kinase receptor which becomes activated upon binding of its ligand SCF (stem-cell factor), the C-kit gene encodes the human homolog of the proto-oncogene c-kit. which was first identified as the

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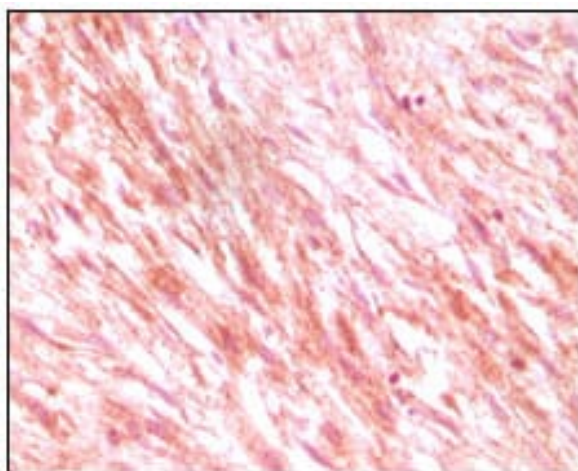


cellular homolog of the feline sarcoma viral oncogene v-kit. KIT is a type 3 transmembrane receptor for MGF (mast cell growth factor). Mutations in KIT are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia, and piebaldism.

Research Area

PI3K-Akt signaling pathway, Hippo signaling pathway

Image Data



Immunohistochemical analysis of paraffin-embedded human malignant mesenchymoma tissues, showing cytoplasmic localization using C-kit mouse mAb with DAB staining.

Note

For research use only.