

## Product datasheet for **AM06162SU-N**

### **c Kit (KIT) Mouse Monoclonal Antibody [Clone ID: 8D7]**

#### Product data:

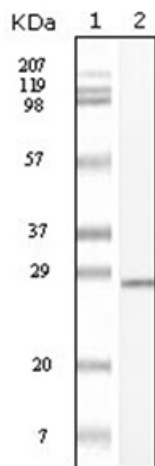
Product Type:	Primary Antibodies
Clone Name:	8D7
Applications:	IHC, WB
Recommended Dilution:	<b>Western Blot:</b> 1/500 - 1/2000. <b>Immunohistochemistry on Paraffin Sections:</b> 1/200 - 1/1000. <b>ELISA:</b> 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of C-kit expressed in E. Coli.
Specificity:	Recognizes C-kit (CD117, 145kDa).
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	145 kDa
Gene Name:	KIT proto-oncogene receptor tyrosine kinase
Database Link:	<a href="#">Entrez Gene 3815 Human P10721</a>
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 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.



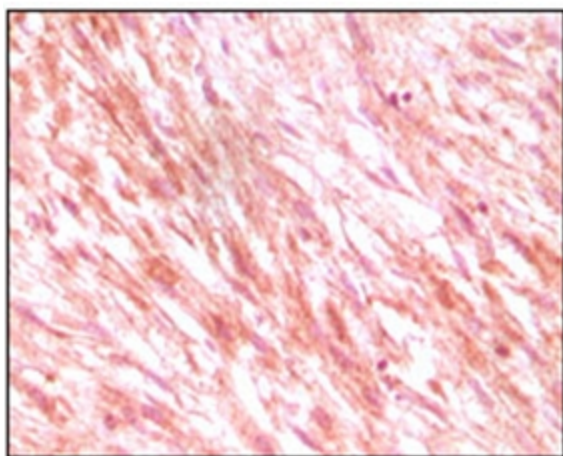
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Synonyms: SCFR, KIT

### Product images:



Western blot analysis using C-kit antibody Cat.-No AM06162SU-N against truncated C-kit recombinant protein.



Immunohistochemical analysis of paraffin-embedded malignant mesenchymoma tissues, showing cytoplasmic localization using C-kit antibody Cat.-No AM06162SU-N with DAB staining.