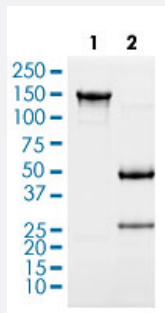


KIT monoclonal antibody, clone KIT/982

Catalog # MAB21121 Size 100 ug

Applications



Western Blot

Western Blot analysis of (1) non-reduced, (2) reduced purity antibody.

Specification

Product Description Mouse monoclonal antibody raised against partial recombinant protein of human KIT.

Immunogen Recombinant protein corresponding to amino acids 100-300 of human KIT.

Host Mouse

Reactivity Human

Form Liquid

Purification Protein A/G purification

Isotype IgG1, kappa

Recommend Usage
 Flow Cytometry (0.5-1 ug/million cells)
 Immunofluorescence (0.5-1 ug/mL)
 Immunohistochemistry (Frozen sections) (2-4 ug/mL)
 Western Blot (0.5-1 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer In 10 mM PBS (0.05% BSA and 0.05% azide).

Storage Instruction Store at 2 to 8°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of (1) non-reduced, (2) reduced purity antibody.

- Immunohistochemistry (Frozen sections)

- Immunofluorescence

- Flow Cytometry

Gene Info — KIT

Entrez GeneID	3815
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Protein Accession#	P10721
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Gene Name	KIT
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Gene Alias	C-Kit, CD117, PBT, SCFR
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Gene Description	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
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Omim ID	164920 172800 273300 601626 606764
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Gene Ontology	Hyperlink
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Gene Summary	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]
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Other Designations	mast/stem cell growth factor receptor proto-oncogene tyrosine-protein kinase Kit soluble KIT variant 1
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Pathway

- [Acute myeloid leukemia](#)
- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [Hematopoietic cell lineage](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)

Disease

- [Acute Disease](#)
- [Aneuploidy](#)
- [Azoospermia](#)
- [Chronic Disease](#)
- [Constipation](#)
- [Disease Progression](#)
- [Gastrointestinal Stromal Tumors](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Neoplasms](#)
- [Hyperpigmentation](#)
- [Infertility](#)
- [Leukemia](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Malignant melanoma](#)
- [Mastocytosis](#)
- [Melanoma](#)
- [Neoplasm](#)

- [Neoplasm Recurrence](#)
- [Neoplasm Seeding](#)
- [Oligospermia](#)
- [Osteoporosis](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Skin Neoplasms](#)
- [Splenic Neoplasms](#)
- [Stomach Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Translocation](#)