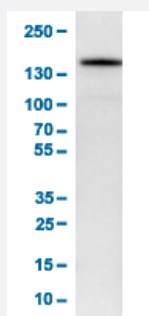


KIT monoclonal antibody, clone CL1656

Catalog # MAB15537 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of RT-4 cell lysates with KIT monoclonal antibody, clone CL1656 (Cat # MAB15537).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human KIT.
Immunogen	Recombinant protein corresponding to amino acids 50-190 of human KIT.
Sequence	VGDEIRLLCTDPGFVKWTFEILDETENKQNEWITEKAEATNTGKYCTNKHGLSNSIVFVRDPA KLFLVDRSLYGKEDNDTLVRCPLTDPEVTNYSKGCQGKPLPKDLRFIPDPKAGIMIKSVKRAYHR LCLHCSVDQ
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Western Blot (1:500 - 1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C for short term storage. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

- Western Blot (Cell lysate)

Western Blot analysis of RT-4 cell lysates with KIT monoclonal antibody, clone CL1656 (Cat # MAB15537).

Gene Info — KIT

Entrez GeneID[3815](#)**Protein Accession#**[P10721](#)**Gene Name**

KIT

Gene Alias

C-Kit, CD117, PBT, SCFR

Gene Description

v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog

Omim ID[164920](#) [172800](#) [273300](#) [601626](#) [606764](#)**Gene Ontology**[Hyperlink](#)**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]

Other Designations

mast/stem cell growth factor receptor|proto-oncogene tyrosine-protein kinase Kit|soluble KIT variant 1

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](#)