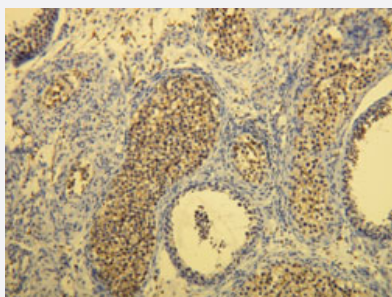


KIT monoclonal antibody, clone R21-V

Catalog # MAB15948 Size 200 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human seminoma with KIT monoclonal antibody, clone R21-V (Cat # MAB15948).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human KIT.
Immunogen	A synthetic peptide corresponding to C-terminus of human KIT.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	EVAC purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (20 mg/mL BSA, 0.05% Sodium Azide).
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human seminoma with KIT monoclonal antibody, clone R21-V (Cat # MAB15948).

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](#)