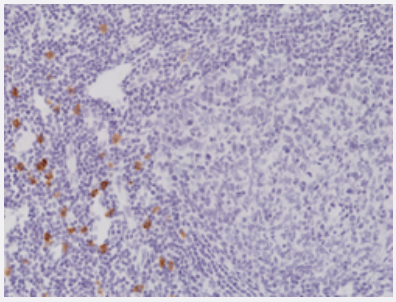
RecomAb™

# KIT monoclonal antibody, clone RM359

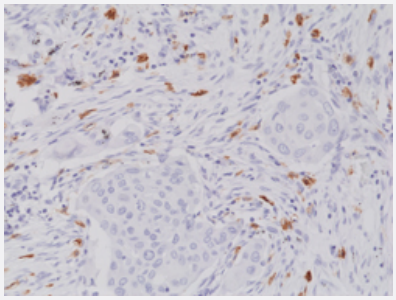
Catalog # MAB21993 Size 100 uL

## Applications



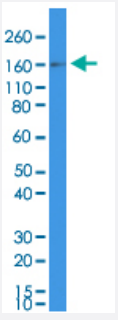
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tonsil.



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

Immunohistochemical staining of human lung cancer.




### Western Blot (Tissue lysate)

Western Blot (Tissue lysate) analysis of human placenta.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against human KIT. |

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| | |
|---|---|
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against a synthetic peptide corresponding to C-terminus of human KIT. |
| **Reactivity** | Human |
| **Specificity** | This antibody reacts to human CD117/c-Kit. |
| **Form** | Liquid |
| **Purification** | Protein A purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:1000-2000)<br>Western Blot (1:200-1000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS (50% glycerol, 1% BSA, 0.09% sodium azide) |
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

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

  Immunohistochemical staining of human tonsil.

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

  Immunohistochemical staining of human lung cancer.

- Western Blot (Tissue lysate)

  Western Blot (Tissue lysate) analysis of human placenta.

## Gene Info — KIT

| | |
|---|---|
| **Entrez GeneID** | 3815 |
| **Gene Name** | KIT |
| **Gene Alias** | C-Kit, CD117, PBT, SCFR |

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| | |
|---|---|
| **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 th e cellular homolog of the feline sarcoma viral oncogene v-kit. This protein is a type 3 transmembra ne receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in this ge ne are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous luk emia, 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 varia nt 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

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- 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

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