

Datasheet

KIT monoclonal antibody, clone 104D2 (PE)

Catalog Number: MAB9828

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against KIT.

Clone Name: 104D2

Immunogen: MOLM-1 megakaryocytic cells.

Host: Mouse

Reactivity: Bovine, Human, Non-Human Primates

Applications: Flow Cyt

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: The mouse monoclonal antibody 104D2 detects extracellular part of KIT (CD117 / c-Kit) protooncogen.

Form: Liquid

Conjugation: PE

Purification: Size-exclusion chromatography purification

Isotype: IgG1

Recommend Usage: Flow Cytometry (20 uL reagent/100 uL of whole blood or 10^6 cells)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (0.02% BSA, 0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Avoid prolonged exposure to light. Do not freeze.

Entrez GeneID: 3815

Gene Symbol: KIT

Gene Alias: C-Kit, CD117, PBT, SCFR

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]