

Purified Anti-Human CD117 Antibody[104D2]

catalog number: E-AB-F1150A

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

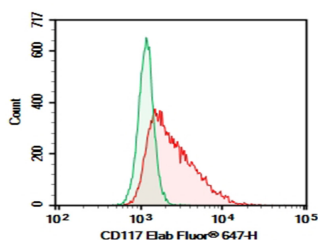
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|---------------------|---|
| Reactivity | Human |
| Immunogen | Recombinant Human CD117 protein |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Clone | 104D2 |
| Purification | >98%, Protein A/G purified |
| Buffer | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling. |

Applications

Recommended Dilution

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|------------|--|
| FCM | 2 µg/mL (0.5×10 ⁶ -1×10 ⁶ cells) |
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Data



TF-1 were stained with 0.2 µg Purified Anti-Human CD117 Antibody[104D2] (Right) and 0.2 µg Mouse IgG1, κ

Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

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| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| Shipping | Ice bag |

Background

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.

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