

Recombinant CD117/c-Kit Monoclonal Antibody

catalog number: **AN301303L**

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

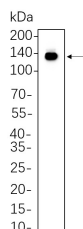
Description

| | |
|---------------------|---|
| Reactivity | Human;Mouse |
| Immunogen | Recombinant Human CD117/c-Kit protein |
| Host | Rabbit |
| Isotype | IgG, κ |
| Clone | 7C3 |
| Purification | Protein A |
| Buffer | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

Applications Recommended Dilution

| | |
|-----------|--------------|
| WB | 1:500-1:2000 |
|-----------|--------------|

Data



Western Blot with Recombinant CD117/c-Kit Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Mouse brain cell lysate.

Observed-MW:130 kDa
Calculated-MW:110 kDa

Preparation & Storage

| | |
|-----------------|---|
| Storage | Store at -20°C Valid for 12 months. 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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