

Recombinant KIT/c-KIT/CD117 Monoclonal Antibody

catalog number: **AN300530P**

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

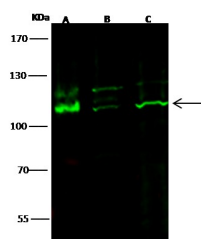
Description

| | |
|---------------------|---|
| Reactivity | Mouse |
| Immunogen | Recombinant Mouse KIT/c-KIT/CD117 Protein |
| Host | Rabbit |
| Isotype | IgG |
| Clone | 7A5 |
| Purification | Protein A |
| Buffer | 0.2 µm filtered solution in PBS |

Applications Recommended Dilution

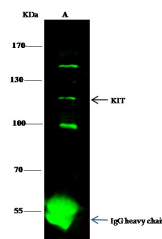
| | |
|-----------|-----------------------|
| WB | 1:500-1:1000 |
| IP | 0.2-1 µL/mg of lysate |

Data



Western Blot with KIT Monoclonal Antibody at dilution of 1:500. Lane A: MOLT4 Whole Cell Lysate, Lane B: Jurkat Whole Cell Lysate, Lane C: K562 Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

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



Immunoprecipitation analysis using 1 µL anti-Mouse KIT Monoclonal Antibody and 15 µl of 50 % Protein G agarose. Western blot was performed from the immunoprecipitate using KIT Monoclonal Antibody at a dilution of 1:500. Lane A:0.5 mg K562 Whole Cell Lysate

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

Preparation & Storage

| | |
|-----------------|--|
| Storage | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles. |
| Shipping | Ice bag |

Background

The c-Kit proto-oncogene is the cellular homolog of the transforming gene of a feline retrovirus (v-Kit). The c-kit protein includes characteristics of a protein kinase transmembrane receptor. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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