

# Biotin Rabbit anti-Mouse CD117/c-Kit mAb

Catalog No.: A28043

## Basic Information

### Observed MW

### Calculated MW

22kDa/108kDa/109kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC60551

### Conjugate

Biotin

## 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.

## Recommended Dilutions

FC ≤0.25 µg per million cells  
in 100 µl volume

## Immunogen Information

### Gene ID

16590

### Swiss Prot

P05532

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

W; Bs; Fdc; Ssm; SC01; SC05; SOW3; CD117; c-KIT; Tr-kit; Gsfsc01; Gsfsc05; Gsfsc03

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

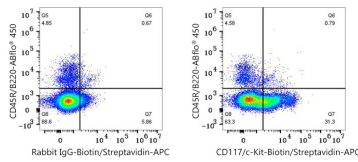
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data

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Flow cytometry: 1X10<sup>6</sup> C57BL/6 mouse bone marrow cells were surface-stained with ABflo® 450 Rat anti-Mouse CD45R/B220 mAb (A27783, 0.25 µg) and Biotin Rabbit IgG isotype control (5 µl/Test, left) or Biotin Rabbit anti-Mouse CD117/c-Kit mAb (A28043, 0.25 µg, right), followed by APC Streptavidin staining. Cells in the lymphocyte gate were used for analysis.