

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

Catalog No.: A24596

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

22kDa/109kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC60551

### Conjugate

PE. Ex:565nm. Em:574nm.

## Recommended Dilutions

**FC** 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## 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.

## 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; Gsfscow3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

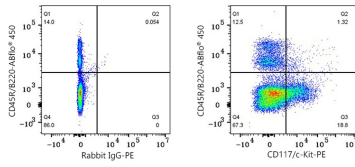
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## 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, 0.5 µg) and PE Rabbit IgG isotype control (A24172, 5 µl/Test, left) or PE Rabbit anti-Mouse CD117/c-Kit mAb (A24596, 5 µl/Test, right). Total viable cells were used for analysis.