

# ABflo® 450 Rabbit anti-Mouse CD117/c-Kit mAb

Catalog No.: A25474

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

22kDa/108kDa/109kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC60551-ABflo450

### Conjugate

ABflo® 450. Ex:406nm. Em:445nm.

## Recommended Dilutions

**FC** 5 µl per 10<sup>6</sup> cells in  
100 µl 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 fusion protein containing a sequence corresponding to amino acids 25-523 of mouse CD117/c-Kit (NP\_001116205.1).

### Synonyms

W; Bs; Fdc; Ssm; SC01; SC05; SOW3; CD117; c-KIT; Tr-kit; Gsfsc01; Gsfsc05; Gsfscow3

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

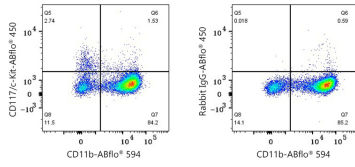
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

## Validation Data

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Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse bone marrow cells were surface-stained with ABflo® 594 Rabbit anti-Mouse CD11b mAb (A24096, 5  $\mu$ l/Test) and ABflo® 450 Rabbit anti-Mouse CD117/c-Kit mAb (A25474, 5  $\mu$ l/Test, left) or Alexa Fluor® 450 Rabbit isotype control (5  $\mu$ l/Test, right).