

A23583

Leader in Biomolecular Solutions for Life Science



## ABflo® 594 Rabbit anti-Mouse CD117/c-Kit mAb

Catalog No.: A23583

### Basic Information

#### Observed MW

#### Calculated MW

22kDa/108kDa/109kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

FC

#### Cross-Reactivity

Mouse

#### CloneNo number

ARC60551-ABf594

#### Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

### 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 5 µl per 10<sup>6</sup> cells in  
100 µl volume

### 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



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

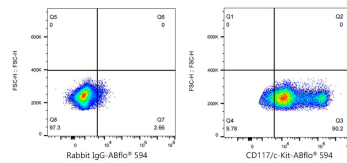
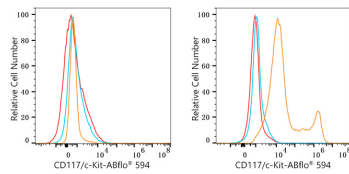
Affinity purification

#### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  293F cells (negative control, left) and 293F (Transfection, right) cells were surface-stained with ABflo® 594 Rabbit anti-Mouse CD117/c-Kit mAb (A23583, 5 µl/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  293F (Transfection) cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (5 µl/Test, left) or ABflo® 594 Rabbit anti-Mouse CD117/c-Kit mAb (A23583, 5 µl/Test, right).