

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; Gsfscow3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

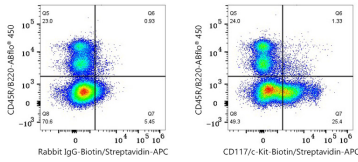
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 C57BL/6 mouse bone marrow cells were surface-stained with ABflo® 450 Rat anti-Mouse CD45R/B220 mAb (A27783, 0.5 μ g) and Biotin Rabbit IgG isotype control (5 μ l/Test, left) or Biotin Rabbit anti-Mouse CD117/c-Kit mAb (A28043, 0.25 μ g, right), followed by APC Streptavidin staining. Total viable cells were used for analysis.