

CD117/c-Kit Rabbit mAb

Catalog No.: A23831 **Recombinant**

Basic Information

Observed MW

145kDa

Calculated MW

109kDa/22kDa

Category

Primary antibody

Applications

ELISA, WB, FC

Cross-Reactivity

Mouse

CloneNo number

ARC60551

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

WB 1:500 - 1:1000

FC 1:50 - 1:200

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; CD117/c-Kit

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

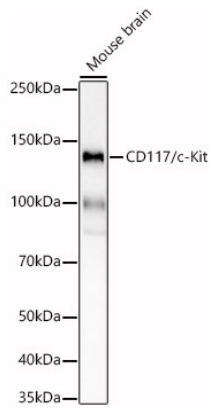
Affinity purification

Storage

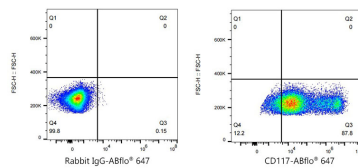
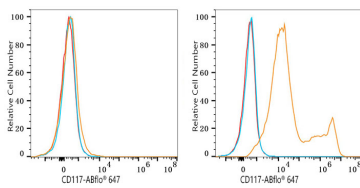
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of Mouse brain, using CD117/c-Kit Rabbit mAb (A23831) at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 90s.



Flow cytometry: 1×10^6 293T cells (negative control, left) and 293T (Transfection, right) cells were surface-stained with CD117/c-Kit Rabbit mAb (A23831, 2µg/mL, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 2µg/mL, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb (1:200 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 293T (Transfection) cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 2µg/mL, left) or CD117/c-Kit Rabbit mAb (A23831, 2µg/mL, right).