

CD32 Rabbit mAb

Catalog No.: A26173 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

31kDa/33kDa/36kDa

Category

Primary antibody

Applications

ELISA,IHC-P,FC

Cross-Reactivity

Mouse

CloneNo number

ARC68229

Background

CD32 (Fcgr2) is a 40 kD transmembrane glycoprotein, member of the immunoglobulin superfamily. The extracellular region of CD32 consists of two Ig C-type domains that binds the Fc region from monomeric IgG with low affinity, but binds immune complexes efficiently. CD32 can mediate phagocytosis of immune complexes and modulate cell activation. CD32 is expressed by Macrophages, neutrophils, mast cells and B cells.

Recommended Dilutions

IHC-P 1:50 - 1:200

FC 1:500 - 1:1000

Immunogen Information

Gene ID

14130

Swiss Prot

P08101

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 30-207 of mouse CD32 (NP_034317.1).

Synonyms

CD32; Fcgr2; Fcr-2; Fcr-3; Ly-17; LyM-1; Lym-1; fcRII; FcgRII; Fcgr2a; Ly-m20; Fc[g]RII; F630109E10Rik

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

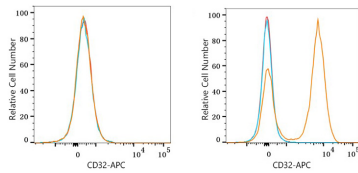
Affinity purification

Storage

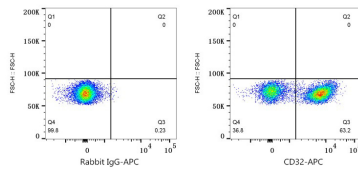
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3

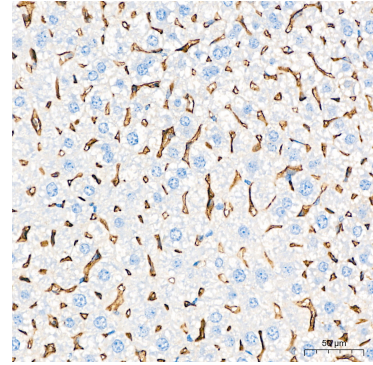
Validation Data



Flow cytometry: 1X10⁶ bEnd.3 cells (negative control, left) and C57BL/6 mouse splenocytes (right) were surface-stained with CD32 Rabbit mAb (A26173, 2 µg/mL, orange line) or Rabbit IgG isotype control (AC042, 2 µg/mL, blue line), followed by APC conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10⁶ C57BL/6 mouse splenocytes were surface-stained with Rabbit IgG isotype control (AC042, 2 µg/mL, left) or CD32 Rabbit mAb (A26173, 2 µg/mL, right), followed by APC conjugated goat anti-rabbit pAb staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using CD32 Rabbit mAb (A26173) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.