Leader in Biomolecular Solutions for Life Science

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ABflo® 647-conjugated F(ab')₂ Fragment Goat anti-Rabbit IgG, Fc fragment specific

Catalog No.: AS086 2 Publications

Basic Information

Observed MW

Calculated MW

Category
Secondary antibody

Applications
IF-P,FC

Cross-Reactivity

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

Background

Secondary antibodies are affinity-purified antibodies which will work with target-specific primary antibody in the detection, sorting or purification of its specified target. Secondary antibodies offer increased versatility enabling users to use many detection systems (e.g. HRP, AP, fluorescence). They can also provide greater sensitivity through signal amplification as multiple secondary antibodies . Most commonly, secondary antibodies are generated by immunizing the host animal (different from host species of primary antibody) with a pooled population of normal immunoglobulins from the host species of primary antibody and can be further purified and modified (i.e. antibody fragmentation, label conjugation, etc.) to ensure well-characterized specificity to corresponding normal immunoglobulins.

Recommended Dilutions

IF-P	1:100 - 1:500
FC	1:100 - 1:800

Immunogen Information

Gene ID **Swiss Prot**

Immunogen
This information is considered to be commercially sensitive.

Synonyms

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

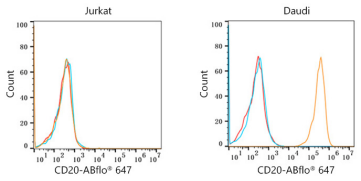
Source
Goat

Isotype
IgG

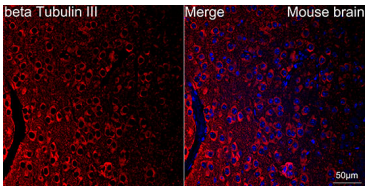
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.025% Sodium Azide,0.75% BSA,50% glycerol,pH7.3.

Validation Data



Flow cytometry: Daudi cells(+) and Jurkat cells(-) were stained with Rabbit IgG isotype control (AC042, 10 µg/mL, blue line) or CD20 Rabbit mAb (A4893, 10 µg/mL orange line), followed by Goat anti-Rabbit pAb ABflo® 647 (AS086, 1:600 dilution) staining. Non-fluorescently stained Daudi cells was used as blank control (red line).



Confocal imaging of paraffin-embedded Mouse brain using βIII-Tubulin Rabbit mAb (A17913, dilution 1:200) followed by a further incubation with ABflo® 647 $F(ab')_2$ Fragment Goat Anti-Rabbit IgG, Fc fragment specific(AS086, dilution 1:500)(Red). DAPI was used for nuclear staining (Blue). Objective: 40x.Perform high pressure antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.