AS083

Leader in Biomolecular Solutions for Life Science

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

Catalog No.: AS083

Basic Information

Observed MW

Calculated MW

Category
Secondary Antibody

Applications
IF/ICC,FC

Cross-Reactivity

Conjugate
FITC. Ex:491nm. Em:516nm.

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/ICC	1:100 - 1:500
FC	1:50 - 1:200

Immunogen Information

Gene ID

Swiss Prot

Immunogen
Rabbit IgG

Synonyms

Contact

www.abclonal.com

Product Information

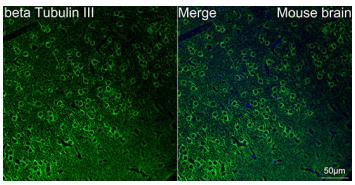
Source
Goat

Isotype
Fluorescein conjugated IgG

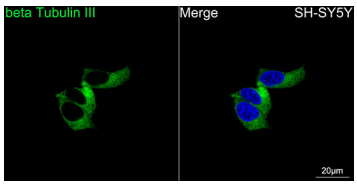
Purification
Affinity purification

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

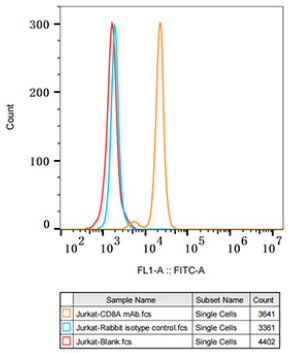
Validation Data



Confocal imaging of paraffin-embedded Mouse brain using βIII-Tubulin Rabbit mAb (A17913, dilution 1:200) followed by a further incubation with FITC F(ab')₂ Fragment Goat Anti-Rabbit IgG, Fc fragment specific(AS083, dilution 1:500)(Green). 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.



Confocal imaging of SH-SY5Y cells using βIII-Tubulin Rabbit mAb (A17913, dilution 1:200) followed by a further incubation with FITC F(ab')₂ Fragment Goat Anti-Rabbit IgG, Fc fragment specific(AS083, dilution 1:500)(Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



	Sample Name	Subset Name	Count
	Jurkat-CD8A mAb.fcs	Single Cells	3641
	Jurkat-Rabbit isotype control.fcs	Single Cells	3361
	Jurkat-Blank.fcs	Single Cells	4402

Flow cytometry: Jurkat cells were stained with Rabbit IgG isotype control (AC042, 10 μg/mL, blue line) or CD8A Rabbit mAb (A0663, 10 μg/mL orange line), followed by FITC conjugated goat anti-Rabbit pAb (AS083, 1:200 dilution) staining. Non-fluorescently stained Jurkat cells were used as blank control (red line).