

ABflo® 488 Conjugated GFAP Rabbit mAb

Catalog No.: A26778 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

50kDa

Category

Primary antibody

Applications

IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0206-ABf488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

IF/ICC 1:200 - 1:1000

Background

This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Immunogen Information

Gene ID

2670

Swiss Prot

P14136

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human GFAP (P14136).


Synonyms

ALXDRD

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

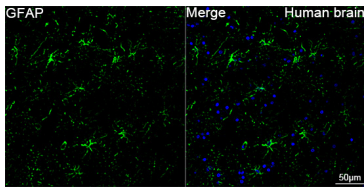
Affinity purification

Storage

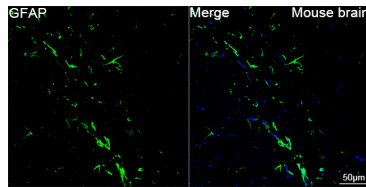
Store at -20°C. Avoid freeze.

Buffer:PBS with 0.03% proclin300,0.2% BSA,50% glycerol,pH7.3.

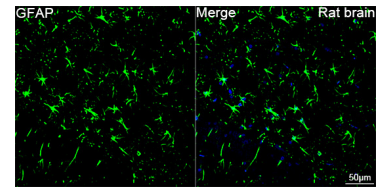
Validation Data



Confocal imaging of paraffin-embedded Human brain tissue using ABflo® 488 Conjugated GFAP Rabbit mAb (A26778, dilution 1:500). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of paraffin-embedded Mouse brain tissue using ABflo® 488 Conjugated GFAP Rabbit mAb (A26778, dilution 1:200). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of paraffin-embedded Rat brain tissue using ABflo® 488 Conjugated GFAP Rabbit mAb (A26778, dilution 1:500). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining. Objective: 40x.