

# ABflo® 647 Conjugated GFAP Rabbit mAb

Catalog No.: A26779 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

50kDa

### Category

Primary antibody

### Applications

IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC0206-ABf647

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Recommended Dilutions

IF/ICC 1:1000 - 1:10000

## 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

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

ALXDRD

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

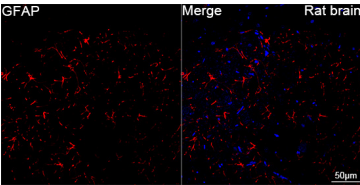
Affinity purification

### Storage

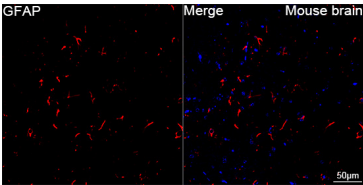
Store at -20°C. Avoid freeze.

Buffer: PBS containing 50% glycerol and 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

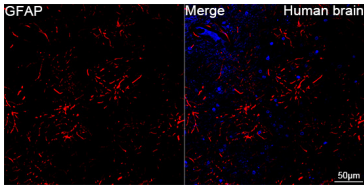
## Validation Data



Confocal imaging of paraffin-embedded Rat brain tissue using ABflo® 647 Conjugated GFAP Rabbit mAb (A26779, dilution 1:1000). 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® 647 Conjugated GFAP Rabbit mAb (A26779, dilution 1:1000). 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 Human brain tissue using ABflo® 647 Conjugated GFAP Rabbit mAb (A26779, dilution 1:1000). 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.