Anti-GFAP recMAb™ Antibody

08/20

CATALOG NO.: **A2201-100 (100 µg)**

BACKGROUND DESCRIPTION: 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.

ALTERNATE NAMES: FLJ45472, ALXDRD

ANTIBODY TYPE: Monoclonal

CLONE: rASTRO/789

CONCENTRATION: 1 mg/ml

HOST/ISOTYPE: Mouse / IgG1, kappa

IMMUNOGEN: Recombinant full-length human GFAP protein

MOLECULAR WEIGHT: 50 kDa

PURIFICATION: Protein A/G purified

FORM: Liquid

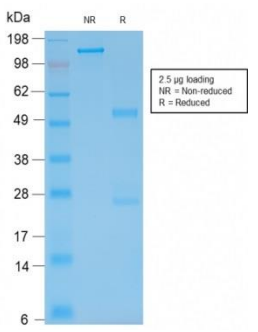
FORMULATION: In 10 mM PBS

SPECIES REACTIVITY: Human, Mouse, Rat, Rabbit, Bovine, Chicken, Porcine

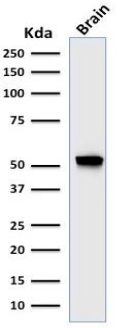
STORAGE CONDITIONS: Store at -20ºC. Avoid freeze/thaw cycles

APPLICATIONS AND USAGE: FC (1-2 µg/million cells), WB (1-2 µg/ml), IHC (0.25-0.5 µg/ml)

This information is only intended as a guide. The optimal dilutions must be determined by the user



SDS-PAGE analysis to confirm the purity and integrity of Anti-GFAP recMAb™ antibody.



Western blot analysis of human brain tissue lysate using Anti-GFAP recMAb™ antibody.

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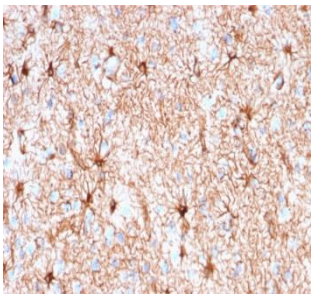
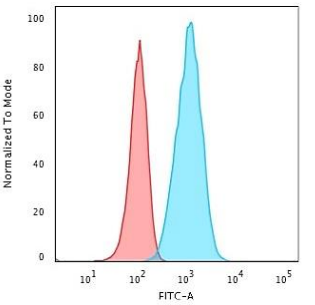


Immunohistochemical analysis of paraffin embedded formalin fixed human cerebellum using Anti-GFAP recMAb™ antibody.



Flow cytometry analysis of T98G cells using Anti-GFAP recMAb™ antibody. Secondary antibody used was CF488 conjugated Goat Anti-Mouse IgG antibody (Blue). Isotype control (Red).

RELATED PRODUCTS:

Anti-KRT20 Antibody (A1859)
Anti-Cytokeratin-8 Rabbit Monoclonal Antibody (A1608)
Anti-Vimentin Rabbit Monoclonal Antibody (A1600)
Anti-Desmin Antibody (A2001)

FOR RESEARCH USE ONLY! Not to be used on humans.