MAA068Ra21

Monoclonal Antibody to Glial Fibrillary Acidic Protein (GFAP)

Organism Species: *Rattus norvegicus* (Rat)

*Instruction manual*
[ PROPERTIES ]

Source: Monoclonal antibody preparation
Host: Mouse
Antibody isotype: IgG1 Kappa
Purification: Protein A + Protein G affinity chromatography
Clone number: C1
Traits: Liquid
Concentration: 1mg/ml
UOM: 100µl
Cross Reactivity: Human
Applications: WB; IHC; ICC; IP.

[ IMMUNOGEN ]

Immunogen: Recombinant GFAP (Met1~Met430) expressed in E.coli
Accession No.: RPA068Ra02

[ APPLICATIONS ]

Western blotting: 0.5-2µg/mL;
Immunohistochemistry: 5-20µg/mL;
Immunocytochemistry: 5-20µg/mL;
Optimal working dilutions must be determined by end user.

[ FORMULATION ]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles.
- Store at 4°C for frequent use.
- Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined...
by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[ IDENTIFICATION ]

Figure. Western Blot; Sample: Recombinant GFAP, Rat.

Western Blot; Sample: Rat Cerebellum lysate;
Primary Ab: 2µg/ml Mouse Anti-Rat GFAP Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)

Western Blot; Sample: Rat Cerebrum lysate;
Primary Ab: 2µg/ml Mouse Anti-Rat GFAP Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)

Western Blot; Sample: U87MG cell lysate
Primary Ab: 0.1µg/ml Mouse Anti-Rat GFAP Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)
[ IMPORTANT NOTE ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.