Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

GFAP Antibody- sodium azide free

Catalog No: tcna448saf

Available Sizes

Size: 100ug

Specifications

Application:
FACS, IF, WB, IHC-P

Species Reactivity:
Human, Mouse, Rat, Cow, Pig, Rabbit, Chicken. Other species not tested.

Host Species:
Mouse

Immunogen / Amino acids:
Recombinant protein was used as the immunogen for the GFAP antibody.

Conjugation:
Unconjugated

Clonality:
Monoclonal

Clones:
ASTRO/789

Isotype:
Mouse IgG1

Form:
Liquid

Storage Buffer:
1 mg/ml in 1X PBS; BSA free, sodium azide free

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Concentration:
1 mg/ml

Recommended Dilution:
Flow Cytometry: 0.5-1ug/million cells in 0.1ml
Immunofluorescence: 1-2ug/ml
Western blot: 0.5-1ug/ml
Immunohistochemistry (FFPE): 0.25-0.5ug/ml for 30 min at RT (1)
Prediluted format : incubate for 30 min at RT (2)Optimal dilution of the GFAP antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer
pH 6.0
for 10-20 min followed by cooling at RT for 20 min
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required)
drip mAb solution onto the tissue section and incubate at RT for 30 min.

Storage Instruction:
Store the GFAP antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

SwissProt:
P14136

References

Protein G affinity chromatography

Product Description

This mAb recognizes a protein of ~50kDa which is identified as Glial Fibrillary Acidic Protein (GFAP). It shows no cross-reaction with other intermediate filament proteins. GFAP is specifically found in astroglia. GFAP is a very popular marker for localizing benign astrocyte and neoplastic cells of glial origin in the central nervous system. Antibody to GFAP is useful in differentiating primary gliomas from metastatic lesions in the brain and for documenting astrocytic differentiation in tumors outside the CNS.

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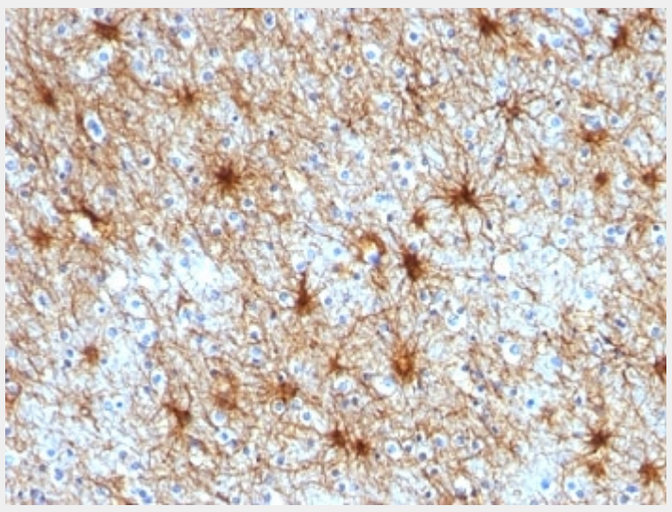
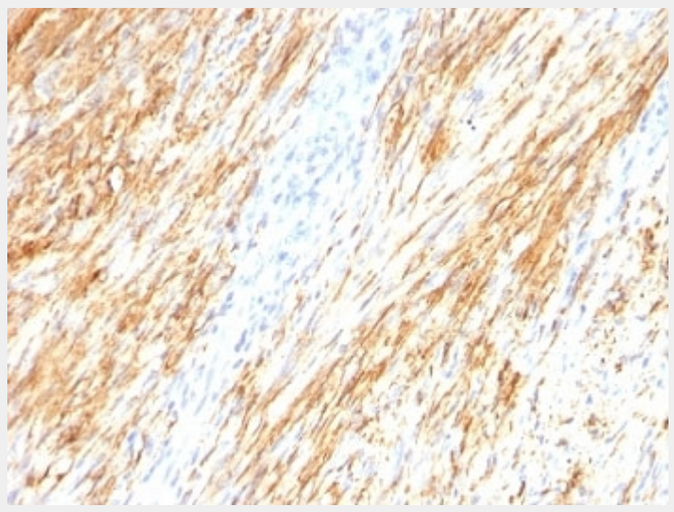
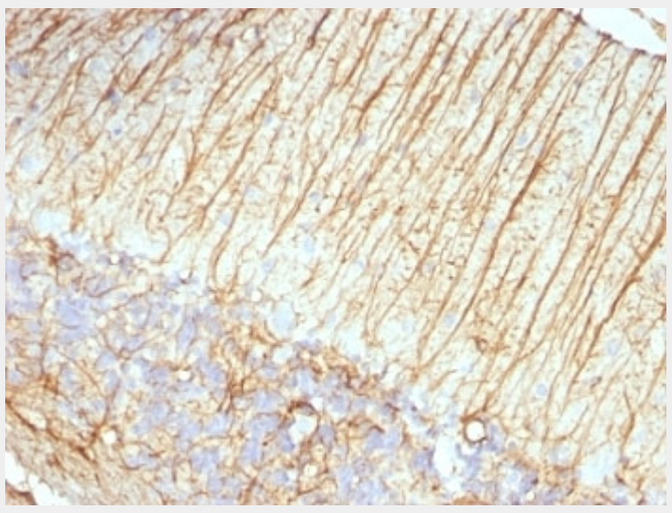


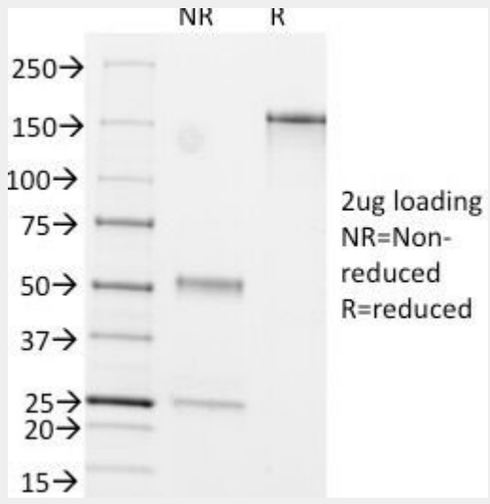
Formalin-fixed, paraffin-embedded human cerebellum stained with GFAP antibody (ASTRO/789).



Formalin-fixed, paraffin-embedded human Schwanoma stained with GFAP antibody (ASTRO/789).



Formalin-fixed, paraffin-embedded rat cerebellum stained with GFAP antibody (ASTRO/789).



SDS-PAGE Analysis of Purified, BSA-Free GFAP Antibody (clone ASTRO/789). Confirmation of Integrity and Purity of the Antibody.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!