abcam

ab270270

Anti-GFAP antibody [ASTRO/1974R] - Astrocyte Marker

Recombinant

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Full Length Protein corresponding to Human GFAP. Database link P14136
Clone number	ASTRO/1974R
Purification technique	Affinity purification Protein A/G
Concentration	0.2 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	Purified from Bioreactor Concentrate by Protein A/G.

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	1-2 µL for 10^6 Cells

Notes	-

Predicted

Species	Mouse, Rat, Rabbit, Chicken, Cow, Pig
Dilution info	-
Notes	-

IHC-P

Tested

Species	Human
Dilution info	1-2 µg/mL
Notes	-

Predicted

Species	Mouse, Rat, Rabbit, Chicken, Cow, Pig
Dilution info	-
Notes	-

Target data

See full target information GFAP

Function	GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C

Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

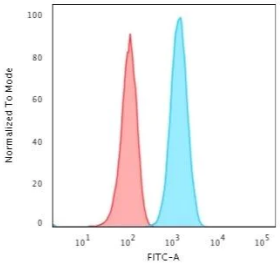
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

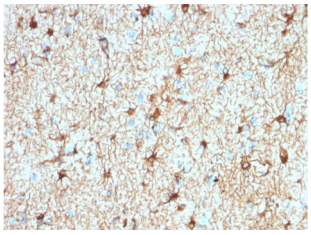
2 product images



Flow Cytometry - Anti-GFAP antibody [ASTRO/1974R] - Astrocyte Marker (ab270270)

GFAP Flow Cytometry staining using rabbit Anti-GFAP antibody

Flow cytometric analysis of T98G cells labeling GFAP (Blue) using ab270270 at 2 µg/10^6 cells, followed by Goat anti-Rabbit IgG-CF488 (Blue); Isotype Control (Red).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GFAP antibody [ASTRO/1974R] - Astrocyte Marker (ab270270)

GFAP Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-GFAP antibody

Formalin-fixed, paraffin-embedded human cerebellum tissue stained for GFAP using ab270270 at 2 µg/ml in imunnohistochemical analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.