

Product Datasheet

GFAP Antibody (ASTRO/1974R) NBP3-07877-100ug

Unit Size: 100 ug

Store at 4C.

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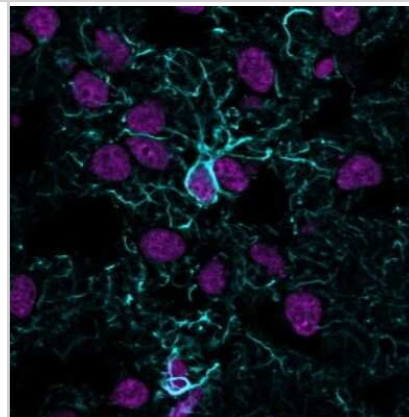
NBP3-07877-100ug

GFAP Antibody (ASTRO/1974R)

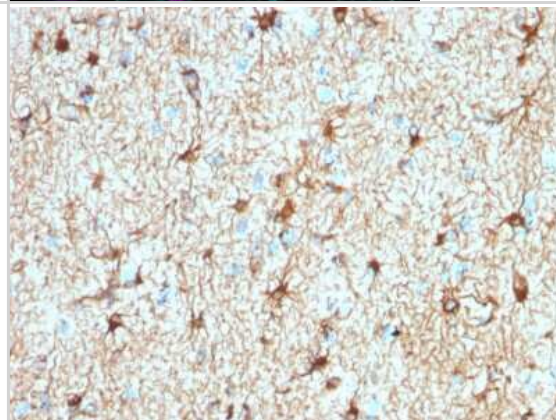
Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	ASTRO/1974R
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	50 kDa
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08431) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Rabbit
Gene ID	2670
Gene Symbol	GFAP
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Rabbit
Marker	Astrocyte & Neural Stem Cell Marker
Specificity/Sensitivity	This monoclonal antibody 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.
Immunogen	Recombinant human full-length GFAP protein (Uniprot: P14136)
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, Immunocytochemistry/ Immunofluorescence 2-3 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2 ug/mL for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

Immunocytochemistry/Immunofluorescence: GFAP Antibody (ASTRO/1974R) [NBP3-07877] - Immunofluorescence Analysis of methanol-fixed human cerebral cortex cryosection stained with CF405S GFAP antibody (ASTRO/1974R) (blue) and CF647 Monoclonal Mouse Anti-Histone H1 (HH1/957) (magenta).



Immunohistochemistry-Paraffin: GFAP Antibody (ASTRO/1974R) [NBP3-07877] - Formalin-fixed, paraffin-embedded human Cerebellum stained with GFAP Rabbit Recombinant Monoclonal Antibody (ASTRO/1974R).



Flow Cytometry: GFAP Antibody (ASTRO/1974R) [NBP3-07877] - Flow Cytometric Analysis of T98G cells using GFAP Rabbit Recombinant Monoclonal Antibody (ASTRO/1974R) followed by Goat anti-Rabbit IgG-CF488 (Blue); Isotype Control (Red).





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Products Related to NBP3-07877-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002670-P01-2ug	Recombinant Human GFAP GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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