Product Datasheet

GFAP Antibody (orb1410268)

Catalog Number	orb1410268
Category	Antibodies
Description	Mouse monoclonal antibody to GFAP (Astrocyte & Neural Stem Cell Marker)
Target	GFAP
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG2c
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
Purification	Protein A/G
Immunogen	Recombinant fragment (around aa 150-250) of human GFAP protein (exact sequence is proprietary)
UniProt ID	P14136
MW	~50kDa
Tested applications	IHC, WB
Specificity	Expressed in cells lacking fibronectin.

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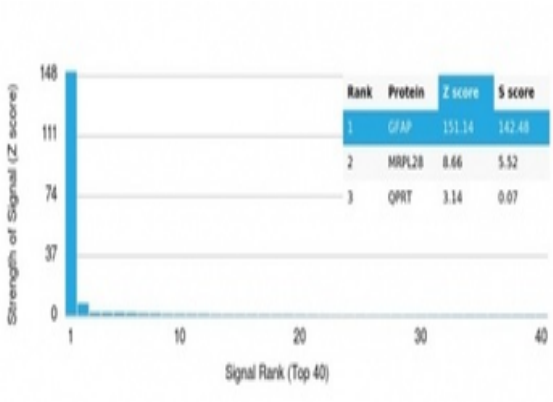
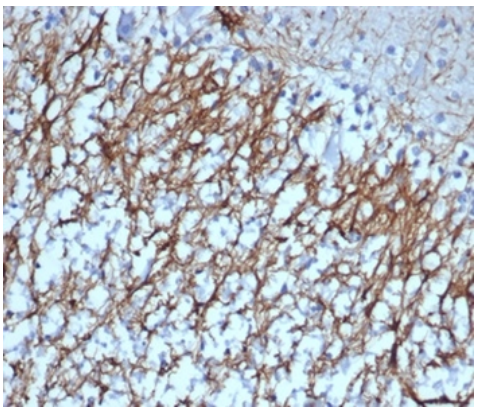
Clone Number	GFAP/6879
Expression System	Bioreactor
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Analysis of Protein Array containing more than 19000 full-length human proteins using Monospecific Mouse Monoclonal Antibody to GFAP (GFAP/6879). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Formalin-fixed, paraffin-embedded human cerebellum stained with GFAP Mouse Monoclonal Antibody (GFAP/6879).

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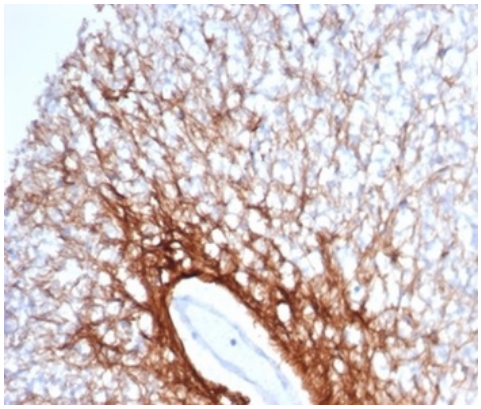
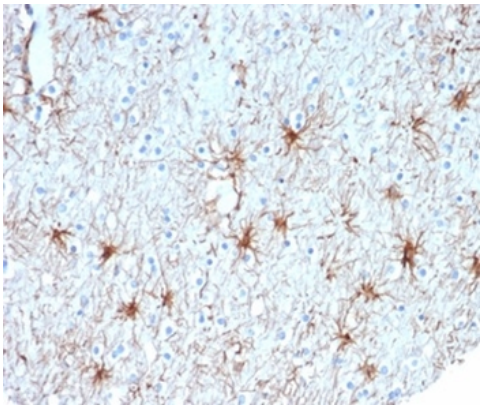
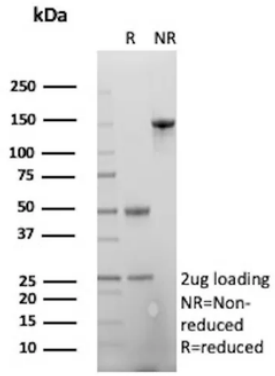


Formalin-fixed, paraffin-embedded human cerebellum stained with GFAP Mouse Monoclonal Antibody (GFAP/6879).



Formalin-fixed, paraffin-embedded human cerebellum stained with GFAP Mouse Monoclonal Antibody (GFAP/6879). HIER: Tris/EDTA, pH9.0, 45 min. 2°C: HRP-polymer, 30 min. DAB, 5 min.



SDS-PAGE Analysis PurifiedGFAP Mouse Monoclonal Antibody (GFAP/6879). Confirmation of Purity and Integrity of Antibody.

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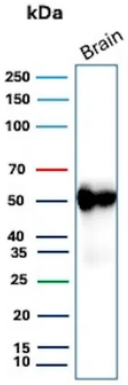

Western Blot Analysis of human brain tissue lysate using GFAP Mouse Monoclonal Antibody (GFAP/6879).

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