

## Product Datasheet

# GFAP Recombinant Rabbit Monoclonal Antibody (orb1152219)

<b>Catalog Number</b>	orb1152219
<b>Category</b>	Antibodies
<b>Description</b>	GFAP Recombinant Rabbit Monoclonal Antibody
<b>Target</b>	GFAP
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	A synthesized peptide derived from human GFAP (1-41aa)
<b>UniProt ID</b>	<b>P14136</b>
<b>MW</b>	48 kDa

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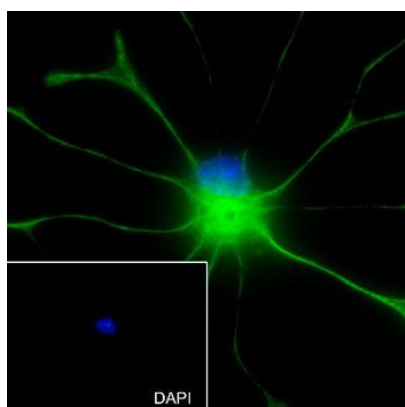
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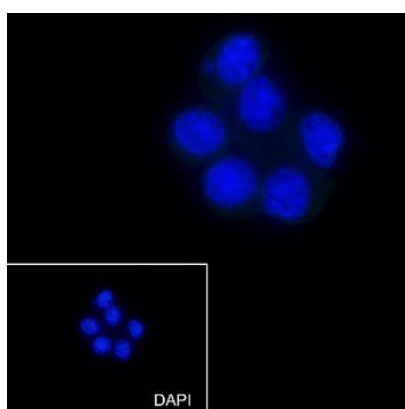
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<b>Tested applications</b>	FC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:1000-50000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1:50-100
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	B5H6
<b>Storage</b>	Maintain refrigerated 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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Cell line: Mouse primary astrocyte, Fixation: 100% Ice-cold methanol, Permeabilization: 0.1% TritonX-100, Primary Ab Dilution: 1:50, Primary Ab incubation condition: 4°C overnight, Secondary Ab: Goat Anti-Rabbit IgG, Nuclear counter stain: DAPI (Blue), Comment: Color green is the positive signal for orb1152219.



Cell line: Neuro-2a (Negative cell line), Fixation: 100% Ice-cold methanol, Permeabilization: 0.1% TritonX-100, Primary Ab Dilution: 1:50, Primary Ab incubation condition: 4°C overnight, Secondary Ab: Goat Anti-Rabbit IgG, Nuclear counter stain: DAPI (Blue), Comment: No staining on orb1152219.

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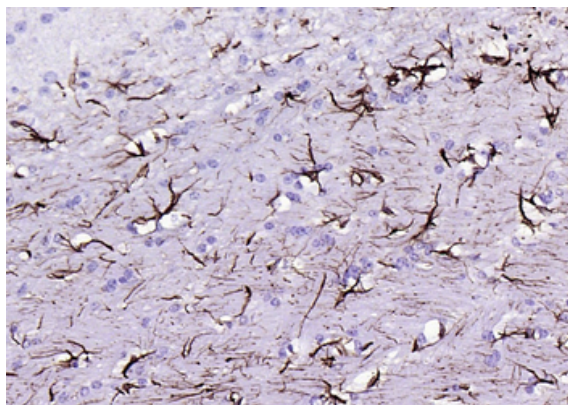
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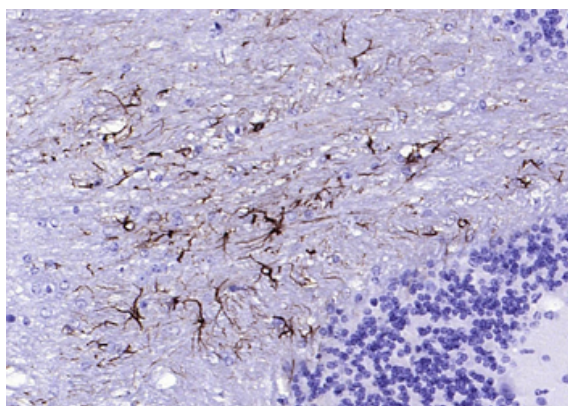
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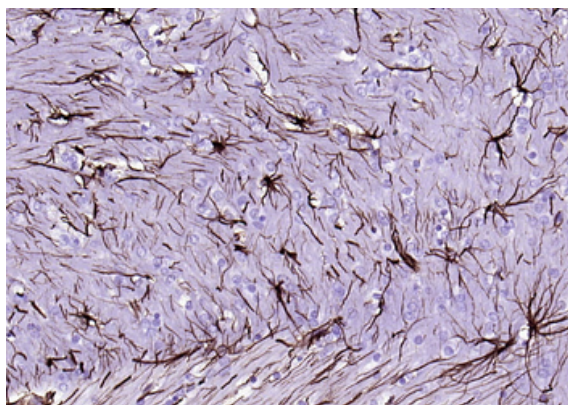
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Paraformaldehyde-fixed, paraffin embedded (MOUSE brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (GFAP) Monoclonal Antibody, Unconjugated (orb1152219) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (GFAP) Monoclonal Antibody, Unconjugated (orb1152219) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (GFAP) Monoclonal Antibody, Unconjugated (orb1152219) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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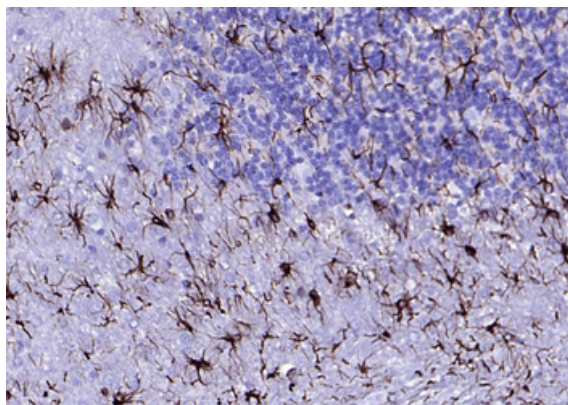
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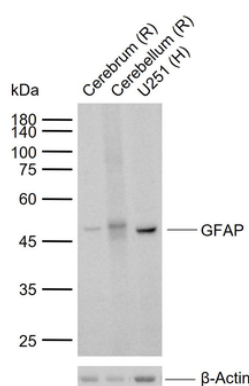
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Sample: Lane 1: Rat Cerebrum tissue lysates, Lane 2: Rat Cerebellum tissue lysates, Lane 3: Human U251 cell lysates, Primary: Anti-GFAP (orb1152219) at 1/10000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 48 kDa, Observed band size: 48 kDa.

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