

Product Datasheet

GFAP Mouse Monoclonal Antibody (orb500621)

Description	GFAP Mouse Monoclonal Antibody
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IHC-Fr, IHC-P, WB
Immunogen	Recombinant mouse GFAP full length
Target	GFAP
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
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
Isotype	IgG
Clonality	Monoclonal
Clone Number	7D8
Antibody Type	Primary Antibody
MW	49 kDa
Uniprot ID	P03995

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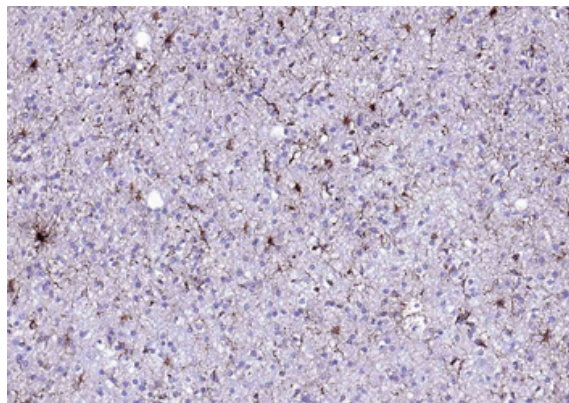
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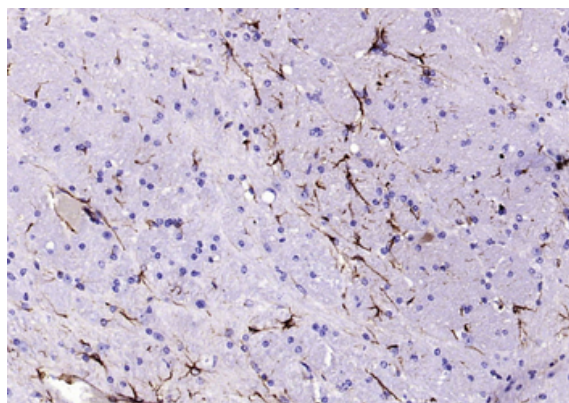
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Dilution Range WB=1:500-1000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500

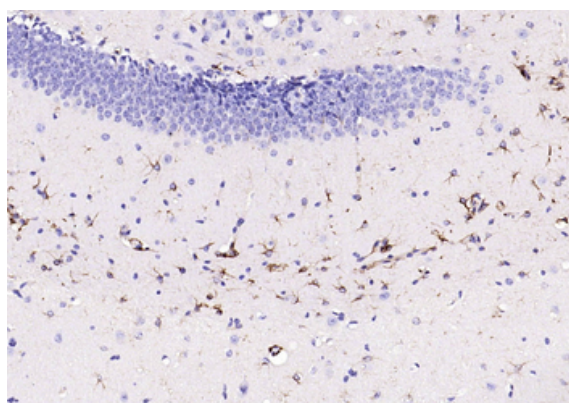
Expiration Date 12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (human brain glioma), 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 (orb500621) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



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 (orb500621) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



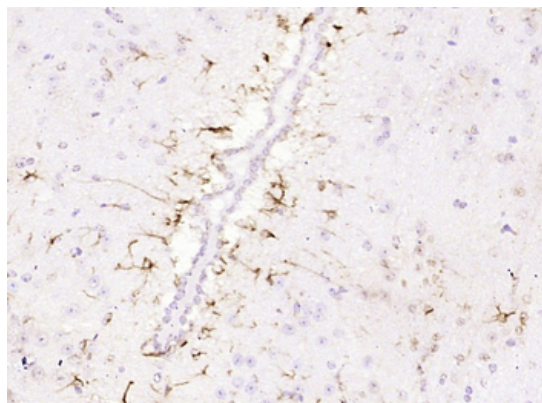
Paraformaldehyde-fixed, paraffin embedded (mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (GFAP) Monoclonal Antibody, Unconjugated (orb500621) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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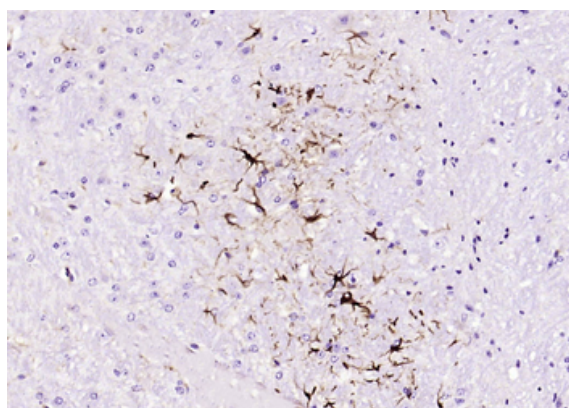
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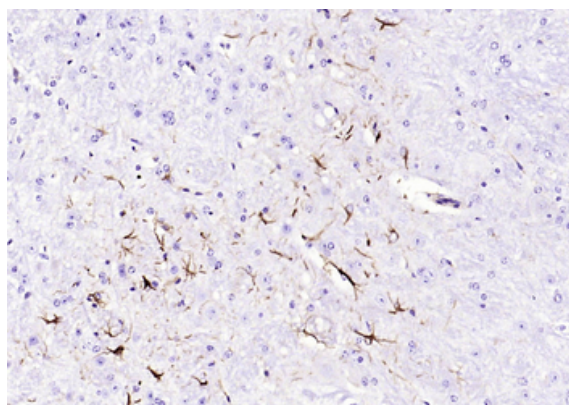
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Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (GFAP) Monoclonal Antibody, Unconjugated (orb500621) at 1:800 overnight at 4°C, followed by operating according to SP Kit (Mouse) 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 (orb500621) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



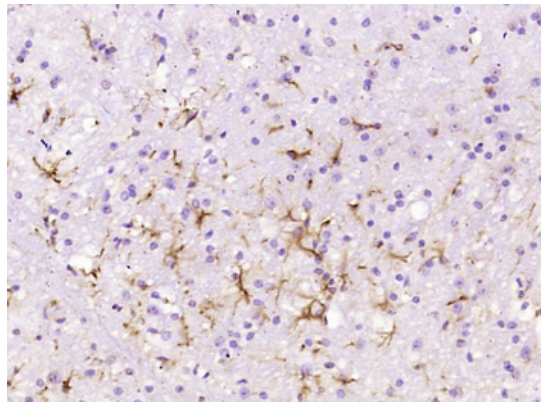
Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (GFAP) Monoclonal Antibody, Unconjugated (orb500621) at 1:2000 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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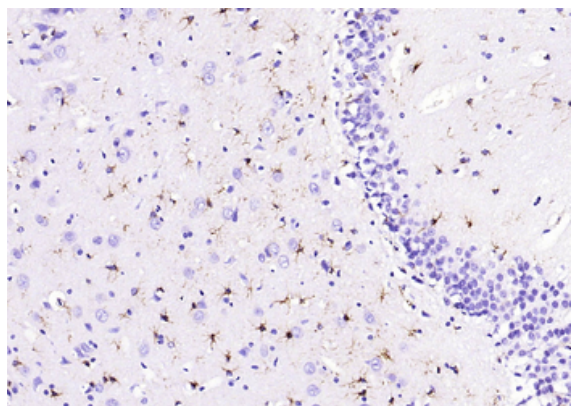
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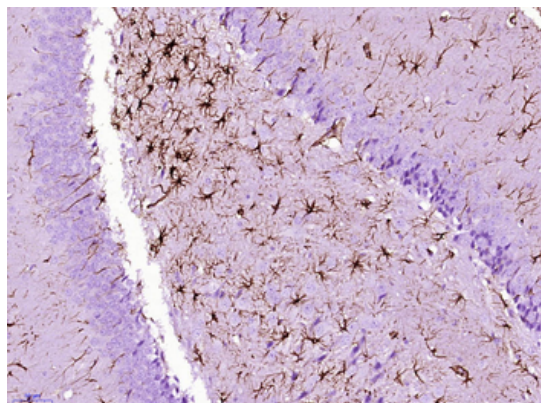
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Paraformaldehyde-fixed, paraffin embedded (Mouse cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (GFAP) Monoclonal Antibody, Unconjugated (orb500621) at 1:800 overnight at 4°C, followed by operating according to SP Kit (Mouse) 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 (orb500621) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



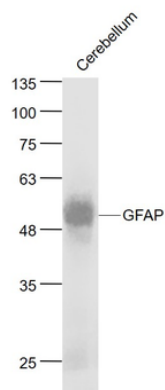
Paraformaldehyde-fixed, paraffin embedded (Rat brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (GFAP) Monoclonal Antibody, Unconjugated (orb500621) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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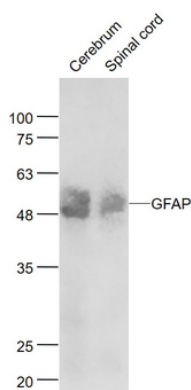
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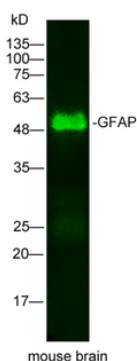
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Sample: Cerebellum (Mouse) Lysate at 40 ug, Primary: Anti-GFAP (orb500621) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 50 kD, Observed band size: 50 kD.



Sample: Cerebrum (Mouse) Lysate at 40 ug, Spinal cord (Mouse) Lysate at 40 ug, Primary: Anti-TBX1 (orb500621) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 50 kD, Observed band size: 50 kD.



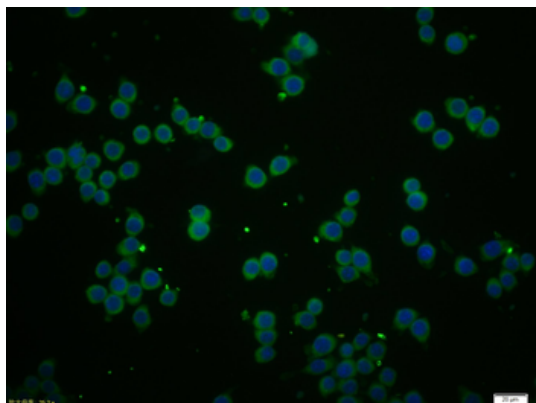
Sample: mouse brain Lysate at 25 ug, Primary: Mouse Anti-GFAP (orb500621) at 1/500 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 49kD, Observed band size: 49kD.

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Tissue/Cell: BV-2 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (GFAP) Monoclonal Antibody, Unconjugated (orb500621) 1:50, 90 minutes at 37°C, followed by a conjugated Goat Anti-Mouse IgG antibody at 37°C for 90 minutes, DAPI (5 ug/ml, blue) was used to stain the cell nuclei.

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