

## Product Datasheet

### NF-L Mouse Monoclonal Antibody (orb1152077)

<b>Catalog Number</b>	orb1152077
<b>Category</b>	Antibodies
<b>Description</b>	NF-L Mouse Monoclonal Antibody
<b>Target</b>	NEFL
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG2a
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Buffer/Preservatives</b>	0.01M PBS (pH7.4).
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	Recombinant Human NF-L Protein (1-543/543)
<b>UniProt ID</b>	<b>P07196</b>
<b>MW</b>	68 kDa
<b>Tested applications</b>	ELISA
<b>Dilution range</b>	ELISA=1:5000-10000

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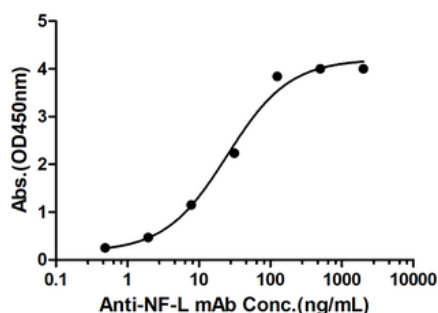
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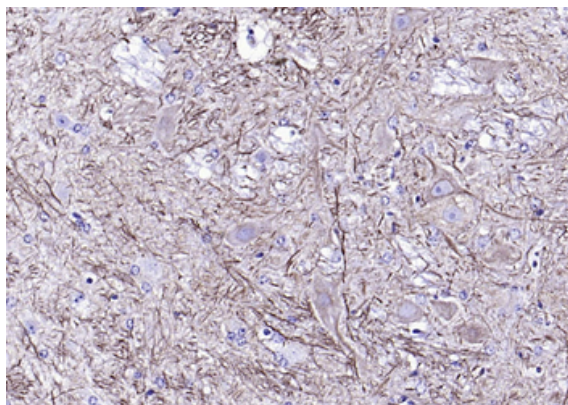
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<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	B5J1
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

Mouse Anti-Human NF-L Antibody Bind with Human NF-L protein, His Tag



Measured by its binding ability in a indirect ELISA. Immobilized Human NF-L protein, His Tag at 2 µg/mL (100 µl/well) can bind Mouse Anti-Human NF-L Antibody, the EC50 is 24.79 ng/ml.



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 (NF-L) Monoclonal Antibody, Unconjugated (orb1152077) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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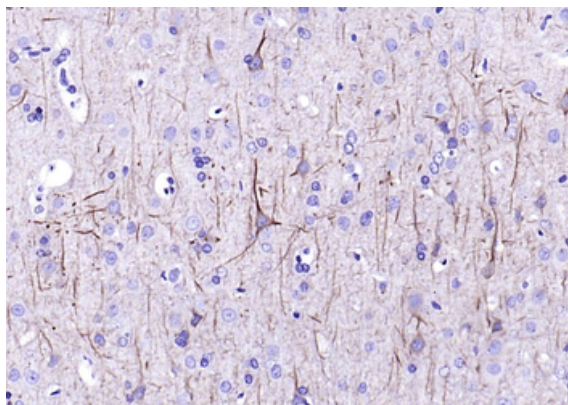
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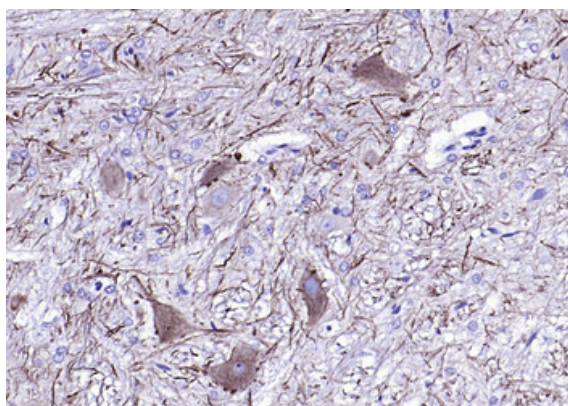
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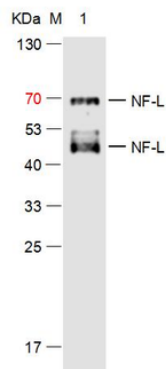
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Paraformaldehyde-fixed, paraffin embedded (rat brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (NF-L) Monoclonal Antibody, Unconjugated (orb1152077) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat 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 (NF-L) Monoclonal Antibody, Unconjugated (orb1152077) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Sample: Lane 1: Recombinant Human NF-L Protein at 100 ng, Primary: Mouse Anti-NF-L Monoclonal Antibody at 1/1000 dilution (Cat. orb1152077), Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 61.4kD, Observed band size: 68/44kD.

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