



Meridian

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Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: M86520M **Lot #:** 1F15720

Description: MAb to Neuron Specific Enolase
Monoclonal Antibody to Neuron Specific Enolase (NSE)

Specificity: Gamma enolase. Specific for the gamma subunit without detectable cross-reactivity with the alpha or beta subunits. Reacts with 45 kD band corresponding to NSE in immunoblotting of human brain extracts.

Host Animal: Mouse **Isotype:** IgG_{2a}

Source: Ascites

Immunogen: Purified neuron-specific enolase from human brain.

Format: Purified, Liquid

Purification: > 95% pure (SDS-PAGE). Protein G Chromatography

Concentration: 1.7 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in ELISA. May be used for Immunohistochemistry on formalin-fixed and paraffin-embedded sections. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pairs in ELISA:

<u>Capture</u>	<u>Detection</u>
M86101M	M86520M
M86520M	M86101M

Storage: Store at 2–8° C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Diana Dunn

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY