

CERTIFICATE OF ANALYSIS

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

Catalog #: M86416M **Lot #:** 4F15620

Description: MAb to Neuron Specific Enolase
Monoclonal Antibody to Human 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 kDa band corresponding to NSE in immunoblotting of human brain extracts.

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

Source: Ascites

Immunogen: Purified neuron-specific enolase from human brain.

Format: Purified, Liquid

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

Concentration: 2.7 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 and Immunohistochemistry. May be used for Immunohistochemistry on formalin-fixed and paraffin-embedded sections. Recommended dilution is 1:100–1:300. 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>
M86416M	M86101M

Storage: Store at 2–8°C.

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

Bianca Gale

04 JUN 2020

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