

DESCRIPTION

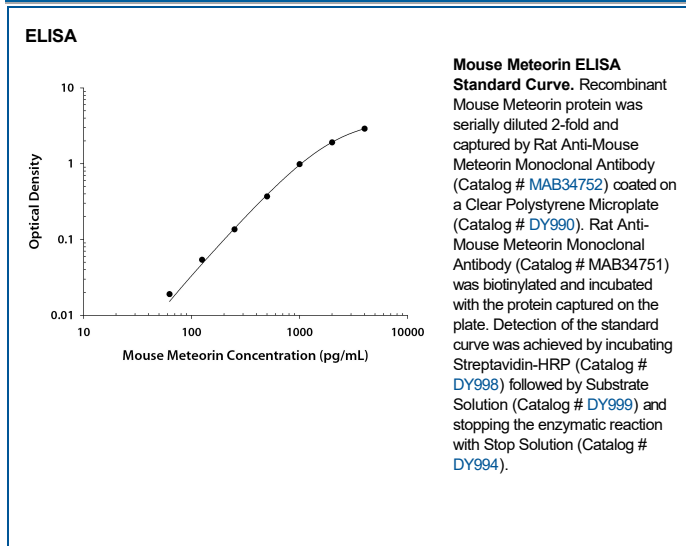
Species Reactivity	Mouse
Specificity	Detects mouse Meteorin in direct ELISAs.
Source	Monoclonal Rat IgG _{2B} Clone # 347504
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Meteorin Gly22-Asp291 Accession # Q8C1Q4
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

ELISA	This antibody functions as an ELISA detection antibody when paired with Rat Anti-Mouse Meteorin Monoclonal Antibody (Catalog # MAB34752). <i>This product is intended for assay development on various assay platforms requiring antibody pairs. We recommend the Mouse Meteorin DuoSet ELISA Kit (Catalog # DY3475) for convenient development of a sandwich ELISA.</i>
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DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Meteorin is a 31 kDa, secreted protein that is expressed by undifferentiated neural and glial progenitors, and astrocytes. Its name derives from its ability to generate glial cells with long meteor-like tails. Mouse Meteorin is synthesized as a 291 amino acid (aa) precursor that contains a 270 aa mature region. It contains eight cysteines with no identifiable domains or N-linked glycosylation sites. There is one alternate splice form where the first 164 aa of the precursor are deleted and aa 165 is changed to a Met, possibly to serve in translation initiation. Mature mouse Meteorin is 82% and 77% aa identical to human and bovine Meteorin, respectively.