Mouse Meteorin Alexa Fluor® 350-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 347511

Catalog Number: FAB34752U

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Meteorin in ELISAs.In sandwich immunoassays, no cross-reactivity or interference with recombinant mouse CDNF, recombinant rat (rr) CNTF, or rrGDNF is observed.
Source	Monoclonal Rat IgG_{2A} Clone # 347511
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Meteorin Gly22-Asp291 Accession # Q8C1Q4
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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 Capture (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
ELISA Detection (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Meteorin is a 31 kDa, secreted protein that is expressed by undifferentiated neural and glial progenitors, and astrocytes. Its name derives from it 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.

PRODUCT SPECIFIC NOTICES

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