

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Meteorin-like/METRNL in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 781710R
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Meteorin-like/METRNL Gln46-Asp311 Accession # Q641Q3
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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 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

METRNL (Meteorin-like) is a cytoplasmic 30 kDa (predicted) member of the meteorin family of proteins. The name meteorin derives from the ability of the founding family member meteorin to transform glia into cells containing an extensive, meteor-like tail. It is expressed by neurons, and appears to function as a primer molecule that sets the stage for either cell differentiation or neurite outgrowth when it acts with Dcl1 and SerpinB1. Mature human METRNL is 266 amino acids (aa) in length (aa 46-311). It reportedly contains a signal sequence (aa 1-45), which suggests it may be secreted. Mature human and mouse METRNL share 79% aa sequence identity.

PRODUCT SPECIFIC NOTICES

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