

DESCRIPTION

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| Species Reactivity | Human |
| Specificity | Detects human Meteorin-like/METRNL in direct ELISAs. |
| Source | Monoclonal Mouse IgG ₁ Clone # 781718R |
| 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 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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 Dclk1 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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