

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human MT2A in direct ELISAs.
Source	Monoclonal Mouse IgG _{2A} Clone # 1006811
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Synthetic peptide containing human MT2A Accession # P02795
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.

Immunohistochemistry 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

Metallothionein-2 (MT2A) is a protein that is transcriptionally regulated by heavy metals and glucocorticoids. This Metallothionein (MT) binds zinc. MTs sequester and/or dispense zinc during stress and inflammation to protect cells against reactive oxygen species.

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