

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Cryptic in direct ELISAs and Western blots.
Source	Monoclonal Rat IgG _{2A} Clone # 221423
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Cryptic Tyr36-Gly177 Accession # P97766
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.

Western Blot 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

Cryptic, also known as CFC-1 is a member of the Epidermal Growth Factor-Cripto/FRL-1/Cryptic (EGF-CFC) family of signaling proteins. It is expressed during mesoderm differentiation and is necessary for determining left-right asymmetry. Cryptic functions as a co-receptor that regulates signaling by some TGF-β superfamily members.

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