

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CRISP-2 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human CRISP-3 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 350814
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human CRISP-2 Lys22-Tyr243 Accession # P16562
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.

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

Human CRISP-2, the ortholog of rodent testis specific protein 1 (Tpx1) is a secreted protein expressed in testis. It is a cell adhesion molecule that mediates interactions between spermatogenic cells and Sertoli cells. Mature human CRISP-2 shares 86%, 73% and 71% amino acid sequence identity with the equine, mouse and rat proteins, respectively. Human CRISP-2 also shares 71% amino acid sequence homology with human CRISP-3.

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