

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Testican 1/SPOCK1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) Testican 2 or rhTestican 3 is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 316801
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Testican 1/SPOCK1 Arg22-Trp439 Accession # Q08629
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.
Immunoprecipitation	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

Testican 1, also known as SPOCK1, was originally identified in seminal plasma and is also expressed in brain. It is a proteoglycan that contains a Ca²⁺-binding domain and a C-terminal acidic domain with putative glycosaminoglycan attachment sites as well as three potential inhibitory domains targeted toward three different classes of proteases, metallo-, cysteine and serine proteases. Human Testican 1 shares 95% amino acid sequence identity with mouse Testican 1.

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