

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human INSL6 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) INSL3 and rhINSL4 is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 421401
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human INSL6 Arg21-Tyr213 Accession # Q9Y581
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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

Insulin-like 6 (INSL6) is a member of the insulin family that is expressed in the testis by germ cells in the seminiferous tubules. Intracellular INSL6 is processed to a complex of two disulfide-linked peptides for secretion. Human and mouse INSL6 share 43% aa identity in the 213 aa, 28 kDa unprocessed form and 53% aa identity in the 64 aa, 8 kDa processed form.

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