

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human SOX7 in direct ELISAs and Western blots. In direct ELISAs, this antibody does not cross-react with recombinant human SOX2, 3, 9, 10, or 17.
Source	Monoclonal Mouse IgG _{2B} Clone # 288610
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human SOX7 Ser249-Ala345 Accession # Q9BT81
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

SOX7 belongs to the Sox (SRY-like HMG-box gene) family of transcription factors with diverse roles in development. SOX7 has been suggested to play a crucial role in parietal endoderm differentiation. SOX7 is expressed in many embryonic and adult tissues.

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