

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human SOX13 in direct ELISAs.
Source	Monoclonal Rabbit IgG Clone # 2559A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human SOX13 Met19-Pro258 Accession # Q9UN79
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.

Immunohistochemistry 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

SOX-13 is a transcription factor involved in the embryonic development and the determination of cell fate. It is also known as islet cell antibody 12 since it has been determined to be a type-1 diabetes autoantigen. SOX-13 RNA is detected in most human tissues with highest levels in the pancreas, placenta, and kidney. Immunohistochemistry on human pancreas identifies SOX-13 in the islets of Langerhans where staining is mostly cytoplasmic but can also be nuclear. SOX-13 antibody testing helps identify latent autoimmune diabetes of adults (LADA).

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