

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human SF-1/NR5A1 in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 1036706
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human SF-1/NR5A1 synthetic peptide Accession # Q13285
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.

Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
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

NR5A1 (STF1) is a transcriptional activator essential for sexual differentiation and formation of the primary steroidogenic tissues. Mutations in the NR5A1 gene result in multiple diseases ranging from infertility (SFPGB), premature ovarian failure (POF7), adrenal insufficiency (AINR), female to male sex reversal (SRXX4) and male to female sex reversal (SRXY3).

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