

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FSH R in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 626723
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human FSH R Accession # M65085
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

Follicle stimulating hormone receptor (FSH R), also called follitropin receptor or LGR1, is a 695 amino acid (aa), ~87 kDa 7-transmembrane receptor of the leucine-rich repeat glycoprotein hormone receptor subfamily of GPCRs. It is expressed by ovarian granulosa cells and is essential for ovarian follicle maturation. In the male, it is expressed by Sertoli cells and plays a minor role in male fertility. Human FSH R shares 86% aa sequence identity with mouse and rat FSH R within the 349 aa N-terminal extracellular domain. A 754 aa isoform contains an inserted sequence at aa 75.

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