

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FOXL2 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 1019104
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Synthetic peptide containing human FOXL2 Accession # P58012
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.

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

FOXL2 is a forkhead transcription factor which plays a role in ovarian development and function. It is transcribed very early in somatic cells of the developing gonad (before sex determination) and its expression persists in the follicular cells of the adult ovary. Females missing the FOXL2 gene appear to be male. FOXL2 prevents transdifferentiation of an adult ovary to a testis. Overexpression of FOXL2 has been implicated in endometriosis with 3-fold higher mRNA expression in endometriosis than in healthy endometrium.

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