

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human RelaxinR2 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 1013901
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Relaxin R2 Met1-Asn416 Accession # Q8WXD0
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.

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

Relaxin R2 (also known as LGR8) is the G-protein coupled receptor (GPCR) for Relaxin, and may also be a receptor for INSL3. LGR8 can mediate the action of Relaxin through cAMP-dependent pathway distinct from structurally related insulin and insulin-like growth factor family ligand. Distribution of this receptor implicates its role in reproductive, brain, renal, cardiovascular and other functions.

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