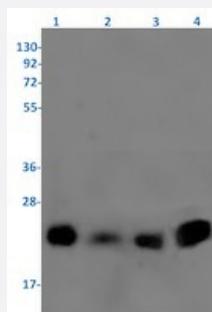


RecomAb™

## RLN2 recombinant monoclonal antibody, clone R05-7A5

Catalog # RAB01947      Size 100 uL

### Applications



#### Western Blot

Western blot analysis of Lane 1: HeLa, Lane 2: 3T3, Lane 3: C6 and Lane 4: MCF-7 lysates with RLN2 recombinant monoclonal antibody, clone R05-7A5 (Cat # RAB01947).

### Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human RLN2.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against a synthetic peptide corresponding to human RLN2.
<b>Theoretical MW (kDa)</b>	Calculated MW: 21 kD
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

**Storage Instruction**

Store at -20 °C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western blot analysis of Lane 1: HeLa, Lane 2: 3T3, Lane 3: C6 and Lane 4: MCF-7 lysates with RLN2 recombinant monoclonal antibody, clone R05-7A5 (Cat # RAB01947).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

## Gene Info — RLN2

**Entrez GeneID**

[6019](#)

**Protein Accession#**

[P04090](#)

**Gene Name**

RLN2

**Gene Alias**

H2, RLXH2, bA12D24.1.1, bA12D24.1.2

**Gene Description**

relaxin 2

**Omim ID**

[179740](#)

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

Relaxins are known endocrine and autocrine/paracrine hormones, belonging to the insulin gene superfamily. In the human there are three non-allelic relaxin genes, RLN1, RLN2 and RLN3. RLN1 and RLN2 share high sequence homology. The active form of the encoded protein consists of an A chain and a B chain but their cleavage sites are not definitely described yet. Relaxin is produced by the ovary, and targets the mammalian reproductive system to ripen the cervix, elongate the pubic symphysis and inhibit uterine contraction. It may have additional roles in enhancing sperm motility, regulating blood pressure, controlling heart rate and releasing oxytocin and vasopressin. There are two alternatively spliced transcript variants encoding different isoforms described for this gene. [provided by RefSeq]

**Other Designations**

OTTHUMP00000021027|prorelaxin H2|relaxin H2|relaxin, ovarian, of pregnancy

## Disease

- [Genetic Predisposition to Disease](#)
- [Premature Birth](#)