

**Anti-PRLR / Prolactin Receptor Reference Antibody (rolinsatamab)  
Recombinant Antibody  
Catalog # APR10204**

**Specification**

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**Anti-PRLR / Prolactin Receptor Reference Antibody (rolinsatamab) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | FC, E, FTA             |
| Primary Accession | <a href="#">P16471</a> |
| Reactivity        | Cynomolgus, Human      |
| Clonality         | Monoclonal             |
| Isotype           | IgG1                   |
| Calculated MW     | 145 KDa                |

**Anti-PRLR / Prolactin Receptor Reference Antibody (rolinsatamab) - Additional Information**

**Target/Specificity**

PRLR / Prolactin Receptor

**Endotoxin**

< 0.001EU/ µg,determined by LAL method.

**Conjugation**

Unconjugated

**Expression system**

CHO Cell

**Format**

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

**Anti-PRLR / Prolactin Receptor Reference Antibody (rolinsatamab) - Protein Information**

**Name** PRLR

**Function**

This is a receptor for the anterior pituitary hormone prolactin (PRL). Acts as a prosurvival factor for spermatozoa by inhibiting sperm capacitation through suppression of SRC kinase activation and stimulation of AKT. Isoform 4 is unable to transduce prolactin signaling. Isoform 6 is unable to transduce prolactin signaling.

**Cellular Location**

Membrane; Single-pass type I membrane protein

**Tissue Location**

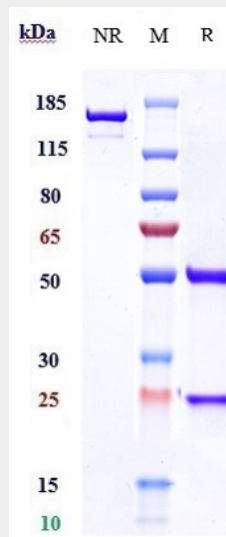
Expressed in breast, placenta, kidney, liver and pancreas.

## Anti-PRLR / Prolactin Receptor Reference Antibody (rolinsatamab) - Protocols

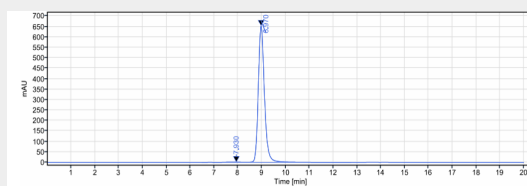
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

## Anti-PRLR / Prolactin Receptor Reference Antibody (rolinsatamab) - Images



Anti-PRLR / Prolactin Receptor Reference Antibody (rolinsatamab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-PRLR / Prolactin Receptor Reference Antibody (rolinsatamab) is more than 91.67%, determined by SEC-HPLC.