10320 Camino Santa Fe, Suite G
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# Anti-PRLR / Prolactin Receptor Reference Antibody (rolinsatamab)

**Recombinant Antibody**
**Catalog # APR10204**

## Specification

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

| | |
|---|---|
| Application | **FC, E, FTA** |
| Primary Accession | P16471 |
| 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.

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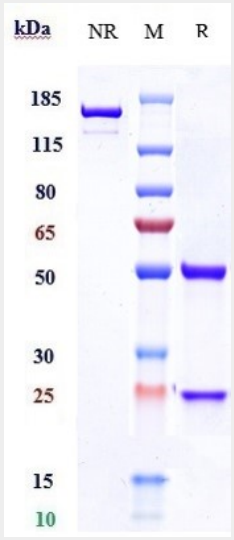
## Anti-PRLR / Prolactin Receptor Reference Antibody (rolinsatamab) - Protocols

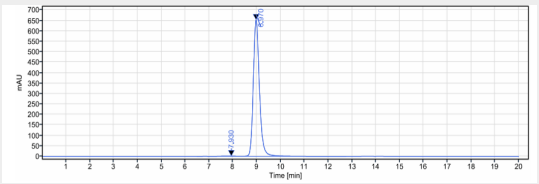
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## 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.