10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Anti-PRLR / Prolactin Receptor Reference Antibody (rolinsatamab)

Recombinant Antibody
Catalog # APR10204

Specification

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

Application	**FC, Kinetics, Animal Model**
Primary Accession	P16471
Reactivity	**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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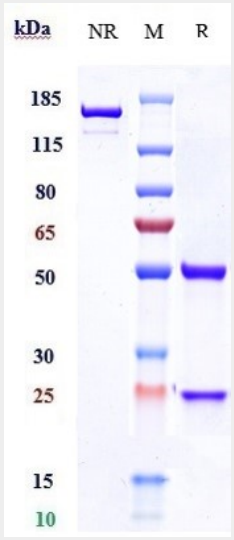
Anti-PRLR / Prolactin Receptor Reference Antibody (rolinsatamab) - Protocols

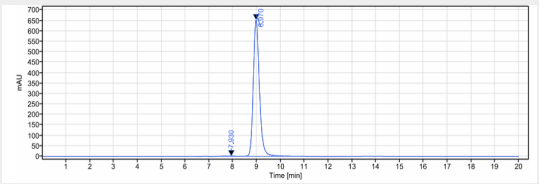
Provided below are standard protocols that you may find useful for product applications.

- 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.