

Product Information

Recombinant Anti-Human prlr Antibody

Cat. No.: **MOM-18478**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is specific to Human PRLR, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

This is a receptor for the anterior pituitary hormone prolactin (PRL). Isoform 4 is unable to transduce prolactin signaling. Isoform 6 is unable to transduce prolactin signaling.

Specific Activity

Tested positive against native antigen.

Target

PRLR

Immunogen

Purified rat liver PRL receptor.

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

Purity >95% by SDS-PAGE.

Applications

Suitable for use in Neut, ELISA, FC, IP and most other immunological methods.

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[PRLR prolactin receptor \[Homo sapiens \]](#)

Official Symbol

PRLR

Synonyms

PRLR; prolactin receptor; PRL-R; hPRL receptor; secreted prolactin binding protein; hPRLr

Gene ID

[5618](#)

mRNA Refseq

[NM_000949](#)

Protein Refseq

[NP_000940](#)

MIM

[176761](#)

UniProt ID

P16471

Chromosome Location

5p14-p13

Pathway

Adipogenesis, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; ErbB4 signaling events, organism-specific biosystem; Growth hormone receptor signaling, organism-specific biosystem; Immune System, organism-specific biosystem;

Function

cytokine receptor activity; metal ion binding; ornithine decarboxylase activator activity; peptide hormone binding; prolactin receptor activity; protein homodimerization activity; receptor activity;