SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Anti-Human prlr Antibody Fab Fragment

Cat. No.: **MOM-18478-F(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment is against Human PRLR, expressed in E. coli

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

Fab

Expression Host

E. coli

Purity

>95.0%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

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

Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

PRLR prolactin receptor [Homo sapiens]

Official Symbol

PRLR

Synonyms

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

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;

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com