

Product Information

Recombinant Anti-Human glp1r Antibody Fab Fragment

Cat. No.: **MOM-18369-F(P)**

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

Product Overview

Recombinant Mouse Antibody Fab Fragment binds selectively to Human GLP1R, expressed in E. coli

Antigen Description

This is a receptor for glucagon-like peptide 1. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

Specific Activity

Tested positive against native antigen.

Target

GLP1R

Immunogen

Synthetic peptide conjugated to KLH derived from within residues 250 - 350 of Human GLP1R.

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

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

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFORMATION

Gene Name

[GLP1R glucagon-like peptide 1 receptor \[Homo sapiens \]](#)

Official Symbol

GLP1R

Synonyms

GLP1R; glucagon-like peptide 1 receptor; GLP-1R; GLP-1-R; GLP-1 receptor; MGC138331

Gene ID

[2740](#)

mRNA Refseq

[NM_002062](#)

Protein Refseq

[NP_002053](#)

MIM

[138032](#)

UniProt ID

P43220

Chromosome Location

6p21

Pathway

Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class B Secretin-like, organism-specific biosystem; Glucagon-type ligand receptors, organism-specific biosystem; Integration of energy metabolism, organism-specific biosystem;

Function

G-protein coupled peptide receptor activity; glucagon receptor activity; peptide hormone binding; receptor activity; signal transducer activity; transmembrane signaling receptor activity;