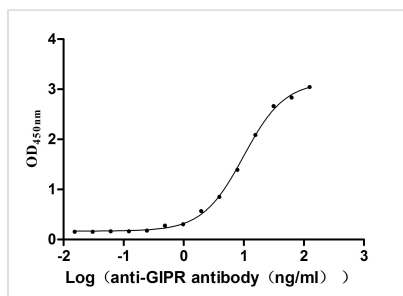




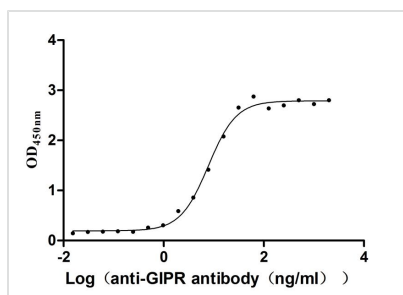
Gipr Recombinant Monoclonal Antibody

Product Code	CSB-RA009438MA1MO
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q0P543
Immunogen	Recombinant Mouse Gipr protein
Species Reactivity	Mouse, Rat
Tested Applications	ELISA
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	Affinity-chromatography
Isotype	mIgG2a
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Mus musculus (Mouse)
Gene Names	Gipr
Clone No.	12C6

Image



The Binding Activity of Mouse Gipr with Anti-Mouse Gipr recombinant antibody
Activity: Measured by its binding ability in a functional ELISA. Immobilized Mouse Gipr (CSB-MP009438MO1) at 2 μ g/mL can bind Anti-Mouse Gipr recombinant antibody, the EC₅₀ is 8.622-11.36 ng/mL.



The Binding Activity of Rat Gipr with Anti-Mouse Gipr recombinant antibody
Activity: Measured by its binding ability in a functional ELISA. Immobilized Rat Gipr (CSB-MP009438RA1) at 2 μ g/mL can bind Anti-Mouse Gipr recombinant antibody, the EC₅₀ is 6.946-8.740 ng/mL.

Description

The Gipr recombinant monoclonal antibody generation typically starts with the insertion of the Gipr antibody-encoding gene into expression vectors. These



vectors are subsequently delivered into host cells through polyethyleneimine-mediated transfection methods. The host cells containing these vectors are cultured to produce and release the antibodies. After purification using affinity chromatography, the antibodies undergo testing through ELISA to confirm their recognition of the mouse and rat Gipr proteins. In the functional ELISA, immobilized mouse Gipr protein (CSB-MP009438MO1) at 2 $\mu\text{g}/\text{mL}$ can bind this mouse Gipr recombinant monoclonal antibody, with the EC_{50} of 8.622-11.36 ng/mL .

Gipr is primarily expressed in pancreatic beta cells and adipose tissue, and its activation by GIP has several important functions in the body, particularly in the regulation of glucose metabolism and energy storage.