

Catalog	Unit
TBS10320-0.5MG	0.5 mg
TBS10320-1MG	1 mg
TBS10320-5MG	5 mg

**Description**

InVivoMAb Anti-Mouse Gastric Inhibitory Polypeptide Receptor (GIPR) antibody is a monoclonal antibody against mouse GIPR designed for in vivo research applications. GIPR (glucose-dependent insulintropic polypeptide receptor) is an important metabolic receptor involved in nutrient sensing and the regulation of energy homeostasis. This antibody antagonizes GIPR signaling by binding to the receptor’s extracellular domain, partially blocking ligand–receptor interactions and stabilizing GIPR in an inhibitory conformational state, thereby effectively suppressing receptor activity. In diet-induced obese (DIO) mouse models, treatment with InVivoMAb Anti-Mouse GIPR attenuates body weight gain and improves multiple metabolic parameters, making it a valuable tool for in vivo studies of obesity, energy metabolism, and metabolic disease mechanisms.

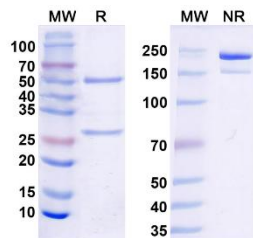
**Synonyms**

InVivoMAb Anti-mGIPR, Anti-Mouse GIPR Monoclonal Antibody, GIPR Antagonist Antibody, InVivoMAb mGIPR Antagonist.

**Product Details**

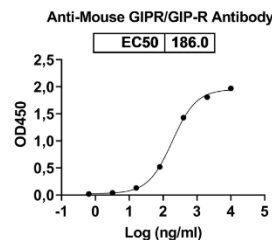
<b>Applications:</b>	ELISA, Neutralization
<b>Species reactivity:</b>	Mouse
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a, kappa
<b>Target:</b>	Gastric inhibitory polypeptide receptor, GIP-R, Glucose-dependent insulintropic polypeptide receptor, Gipr
<b>Uniprot:</b>	Q0P543
<b>Concentration:</b>	3 mg/ml
<b>Purity:</b>	>95%
<b>Formulation:</b>	Liquid
<b>Storage buffer:</b>	0.01M PBS, pH 7.4
<b>Purification:</b>	Protein A/G purified from cell culture supernatant.
<b>Clonality:</b>	Monoclonal
<b>Storage:</b>	Store -20°C up to 12 months, and -80°C for long term. Avoid repeated freeze-thaw cycles.

**Data Image**



**Fig. 1. SDS-PAGE analysis of GIPR antibody**

MW: Molecular Weight (kDa) Marker  
 R: Reducing conditions  
 NR: Non-Reducing conditions



**Fig. 2. Bioactivity-binding analysis of GIPR antibody**

**For research use only.**