Human GHSR Antibody

Monoclonal Mouse IgG_1 Clone # 502430

Catalog Number: MAB8370

DESCRIPTION

Species Reactivity	Human
Specificity	Detects GHSR on transfectants by flow cytometry.
Source	Monoclonal Mouse IgG_1 Clone # 502430
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human GHSR Accession # NP_940799
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μm filtered solution in PBS.

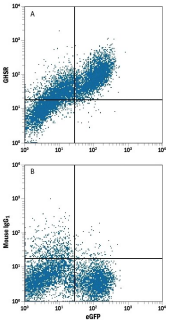
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	0.25 µg/10^6 cells	See Below
CyTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

DATA

Flow Cytometry



Detection of GHSR in HEK293 Human Cell Line Transfected with Human GHSR and eGFP by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with human GHSR and eGFP was stained with either (A) Mouse Anti-Human GHSR Monoclonal Antibody (Catalog # MAB8370) or (B) Mouse IgG_1 Isotype Control (Catalog # MAB002) followed by Phycoerythrin-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # F0102B).

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

GHSR is a member of the G protein-coupled receptor family that may play a role in energy homeostasis and regulation of body weight. Two conserved transcript variants for GHSR are expressed in several tissues. This transcript, 1a, excises an intron and encodes the functional protein. GHSR is the receptor for the Ghrelin ligand and defines a neuroendocrine pathway for growth hormone release. Mutations in GHSR are associated with autosomal idiopathic short stature.

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