Human GHSR
Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 502430

Catalog Number: FAB8370R

100 µg

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
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

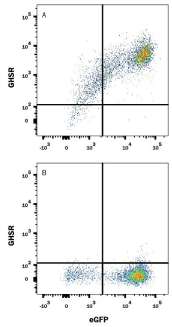
APPLICATIONS

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	0.25-1 µg/10^6 cells	See Below

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 either (A) human GHSR or (B) irrelevant protein, and eGFP was stained with Mouse Anti-Human GHSR Alexa Fluor® 647-conjugated Monoclonal Antibody (Catalog # FAB8370R). Gates were set based on Mouse IgG1 Isotype Control staining (Catalog # IC002R, data not shown). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** • 12 months from date of receipt, 2 to 8 °C as supplied.

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.

PRODUCT SPECIFIC NOTICES

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