Anti-Human Glucagon Receptor [hGR-2 F6] Standard Size Ab00416-1.1

Isotype and Format: Mouse IgG1, Kappa
Clone Number: hGR-2 F6
Alternative Name(s) of Target: hGR
UniProt Accession Number of Target Protein: P47871
Published Application(s): Block, IF
Published Species Reactivity: Human
Immunogen: Recombinant human glucagon receptor.
Specificity: The antibody binds to the human glucagon receptor.
Application Notes: This antibody binds to the human glucaon receptor, a GPCR that is activated by glucagon and stimulates adenylate cyclase. The receptor is involved in glucose homeostasis and regulats glucose production in the liver. The antibody acts as a competitive antagonist.
Antibody First Published in: Wight et al. Structure of Fab hGR-2 F6, a competitive antagonist of the glucagon receptor. Acta Crystallography Section D Biological Crystallography 2000; 56(5)573-580 PMID:10771426
Note on publication: Describes the crystallisation of mAb hGR-2 F6 with the glucagon receptor and subsequent binding- and inhibition studies.

Product Form

Size: 200 µg Purified antibody.
Purification: Protein A affinity purified
Supplied In: PBS with 0.02% Proclin 300.
Storage Recommendation: Store at 4^{o}C for up to 3 months. For longer storage, aliquot and store at -20^{o}C.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.

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