

Anti-Human Glucagon Receptor [hGR-2 F6] Standard Size Ab00416-1.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Mouse IgG1, [Fc Silent™](#), 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 glucagon receptor, a GPCR that is activated by glucagon and stimulates adenylate cyclase. The receptor is involved in glucose homeostasis and regulates 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°C for up to 3 months. For longer storage, aliquot and store at -20°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.