Anti-Human Glucagon Receptor [hGR-2 F6] Standard Size, 200 μg, Ab00416-1.1

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**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 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.