

## Product datasheet for **TA385946**

### GPR119 Mouse Monoclonal Antibody [Clone ID: Gipg013]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	Gipg013
Applications:	BI, ELISA, IF
Reactivity:	Human, Rat, Dog, Mouse
Host:	Mouse
Isotype:	IgG2a, lambda
Clonality:	Monoclonal
Immunogen:	Human GIPr.
Specificity:	The original has a Ki value of 7 nM and a Kd value of 6.8 nM for human GIPr.

This antibody binds to GIPr, a GPCR expressed on pancreatic beta-cells, where activation leads to the release of insulin. Endogenous ligands for the receptor include oleylethanolamide and lysophosphatidylcholine. The antibody acts as a competitive antagonist. In rat islets, the antibody inhibits GIP-induced secretion of insulin by up to 81%.

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	G protein-coupled receptor 119
Database Link:	<a href="#">Entrez Gene 139760 Human Q8TDV5</a>
Synonyms:	Gpr119
Note:	This full-length, reformatted mouse antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques.



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