

## Product datasheet for **CF811836**

### GPR83 Mouse Monoclonal Antibody [Clone ID: OTI3E8]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3E8
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Rat, Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human GPR83 (NP_057624). The exact sequence is proprietary.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48.2 kDa
Gene Name:	G protein-coupled receptor 83
Database Link:	<a href="#">NP_057624</a> <a href="#">Entrez Gene 14608 Mouse</a> <a href="#">Entrez Gene 140595 Rat</a> <a href="#">Q9NYM4</a>
Background:	Orphan receptor. Could be a neuropeptide Y receptor. [UniProtKB/Swiss-Prot Function]
Synonyms:	GIR; GPR72

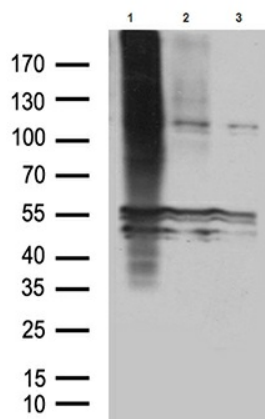


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Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

### Product images:



Western blot analysis of lysates from 293T cells transfected with (1) pcDNA3.1-mGPR83, (2) pcDNA3.1-rGPR83, (3) pcDNA3.1 plasmids using anti-GPR83 Mouse monoclonal antibody (1:500).