

Product datasheet for **CF811614**

GPR83 Mouse Monoclonal Antibody [Clone ID: OTI13B6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI13B6
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Mouse, Rat
Host:	Mouse
Isotype:	IgG1
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:	NP_057624 Entrez Gene 14608 Mouse Entrez Gene 140595 Rat Q9NYM4
Background:	Orphan receptor. Could be a neuropeptide Y receptor. [UniProtKB/Swiss-Prot Function]
Synonyms:	GIR; GPR72

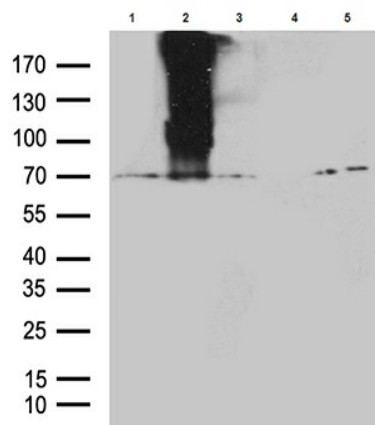


[View online »](#)

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)pCINEO-hGPR83, (2)pcDNA3.1-mGPR83, (3)pcDNA3.1-rGPR83, (4)pcDNA3.1, (5)PCINEO plasmids using anti-GPR83 Mouse monoclonal antibody (1:500).