

Product datasheet for **TA811370**

GMPR1 (GMPR) Mouse Monoclonal Antibody [Clone ID: OTI1E8]

Product data:

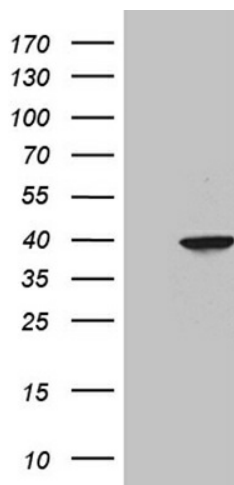
Product Type:	Primary Antibodies
Clone Name:	OTI1E8
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human GMPR (NP_006868) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
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:	37.2 kDa
Gene Name:	guanosine monophosphate reductase
Database Link:	NP_006868 Entrez Gene 2766 Human P36959
Background:	This gene encodes an enzyme that catalyzes the irreversible and NADPH-dependent reductive deamination of GMP to IMP. The protein also functions in the re-utilization of free intracellular bases and purine nucleosides. [provided by RefSeq, Oct 2009]
Synonyms:	GMPR1
Protein Families:	Druggable Genome



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Protein Pathways: Purine metabolism

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY GMPR (Cat# [RC202453], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GMPR (Cat# TA811370)(1:500). Positive lysates [LY416357] (100ug) and [LC416357] (20ug) can be purchased separately from OriGene.