

## Product datasheet for **TA503193**

### **GPR48 (LGR4) Mouse Monoclonal Antibody [Clone ID: OTI2D1]**

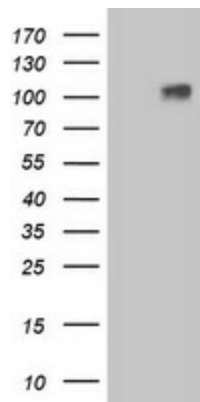
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI2D1
<b>Applications:</b>	FC, WB
<b>Recommend Dilution:</b>	WB 1:500, FLOW 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 230-540 of human LGR4 (NP_060960 ) produced in HEK293T Cell.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Gene Name:</b>	leucine rich repeat containing G protein-coupled receptor 4
<b>Database Link:</b>	<a href="#">NP_060960 Entrez Gene 55366 Human</a>
<b>Background:</b>	G protein-coupled receptors (GPCRs) play key roles in a variety of physiologic functions. Members of the leucine-rich GPCR (LGR) family, such as GPR48, have multiple N-terminal leucine-rich repeats (LRRs) and a 7-transmembrane domain (Weng et al., 2008 [PubMed 18424556]). [supplied by OMIM]
<b>Synonyms:</b>	BNMD17; GPR48
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane

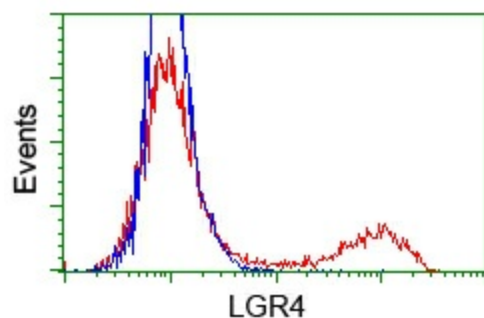


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## Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY LGR4 ([RC221345], 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-LGR4. Positive lysates [LY413017] (100ug) and [LC413017] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC221345] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-LGR4 antibody (TA503193), and then analyzed by flow cytometry.