

Mouse LGR4 Monoclonal Antibody | anti-LGR4 antibody

Mouse monoclonal LGR4 antibody

CATALOG # AAA224654	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay
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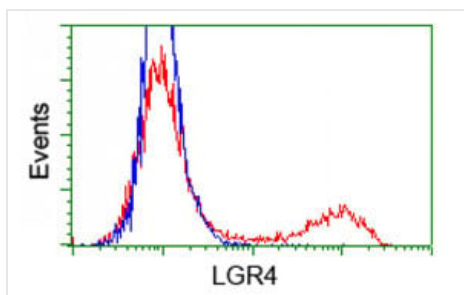
PRODUCT SYNONYMS

LGR4; Monoclonal Antibody; Mouse monoclonal LGR4 antibody; Monoclonal LGR4 antibody; Anti-LGR4 antibody; Leucine rich repeat containing G protein coupled receptor 4 antibody; GPR48 antibody; G protein-coupled receptor 48 antibody; G-protein coupled receptor 48 antibody; LGR 4; LGR-4; LGR 4 antibody; LGR-4 antibody; anti-LGR4 antibody

PRODUCT SPECIFICATIONS

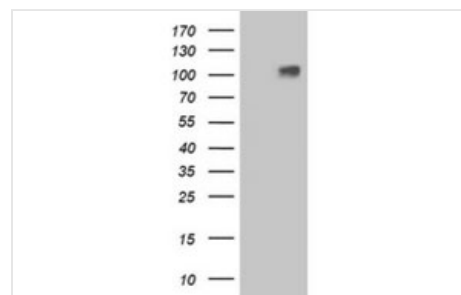
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2D1
Purity/Purification	Purified by affinity chromatography.
Form/Format	Liquid in PBS buffer, pH 7.3, with 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	1.0mg/ml (varies by lot)
Applicable Applications for anti-LGR4 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Immunogen	Human recombinant protein fragment corresponding to amino acids 230-540 of human LGR4 produced in HEK293T cells.
Cross-Reactivity	Human
Preparation and Storage	4°C short term, -20°C long term. Avoid repeated freeze/thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant LGR4 protein (red) or empty vector (blue) stained using LGR4 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant LGR4 protein (Right) or empty vector (Left) detected with LGR4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LGR4 antibody	G protein-coupled receptors (GPCRs) play key roles in a variety of physiologic functions. Members of the leucine-richGPCR (LGR) family, such as GPR48, have multiple N-terminal leucine-rich repeats (LRRs) and a 7-transmembrane domain.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157694513
NCBI GeneID	55366
NCBI Accession #	NP_060960.2
NCBI GenBank Nucleotide #	NM_018490.3
UniProt Accession #	Q9BXB1; Q8N537; Q9NYD1; A6NCH3; G5E9B3
NCBI Official Full Name	leucine-rich repeat-containing G-protein coupled receptor 4 isoform 1
NCBI Official Synonym Full Names	leucine rich repeat containing G protein-coupled receptor 4
NCBI Official Symbol	LGR4
NCBI Official Synonym Symbols	GPR48; BNMD17
NCBI Protein Information	leucine-rich repeat-containing G-protein coupled receptor 4
UniProt Protein Name	Leucine-rich repeat-containing G-protein coupled receptor 4
UniProt Gene Name	LGR4
UniProt Synonym Gene Names	GPR48

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lgr4-antibody-clone-2d1-western-blot-flow-cytometry-elisa/224654>