

LGR6 recombinant antibody

LGR6 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279076	HEK293F Cell	Human, Mouse	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA

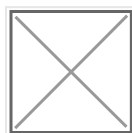
PRODUCT SYNONYMS

LGR6; Monoclonal Recombinant Antibody; LGR6 Recombinant Monoclonal Antibody; Leucine-rich repeat-containing G-protein coupled receptor 6; LGR6 recombinant antibody

PRODUCT SPECIFICATIONS

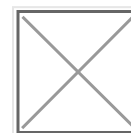
Host	HEK293F Cell
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	15G3
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for LGR6 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human LGR6
Conjugation	Non-conjugated
Research Area	Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing Hela cells stained with AAA279076 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4?.Control antibody (green line) was rabbit IgG (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



IF (Immunofluorescence)

Immunofluorescence staining of Hela cells with AAA279076 at 1:20, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 500-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA279076 diluted at 1:50 and staining in paraffin-embedded human lung cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.26% DAB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62912470
NCBI GeneID	59352
NCBI Accession #	NP_001017403.1
NCBI GenBank Nucleotide #	NM_001017403.1
UniProt Accession #	Q9HBX8; Q5T509; Q5T512; Q6UY15; Q86VU0; Q96K69; Q9BYD7
Molecular Weight	104,298 Da
NCBI Official Full Name	leucine-rich repeat-containing G-protein coupled receptor 6 isoform 1
NCBI Official Synonym Full Names	leucine-rich repeat containing G protein-coupled receptor 6
NCBI Official Symbol	LGR6
NCBI Official Synonym Symbols	GPCR; VTS20631
NCBI Protein Information	leucine-rich repeat-containing G-protein coupled receptor 6; gonadotropin receptor; leucine-rich repeat-containing G protein-coupled receptor 6
UniProt Protein Name	Leucine-rich repeat-containing G-protein coupled receptor 6
UniProt Gene Name	LGR6
UniProt Entry Name	LGR6_HUMAN

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/lgr6-recombinant-antibody-clone-15g3-flow-cytometry-immunofluorescence-immunohistochemistry-elisa/279076>