

PE Rabbit anti-Human LGR5/GPR49 mAb

Catalog No.: A26863

Basic Information

Observed MW

Calculated MW

100kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC71071

Conjugate

PE. Ex:565nm. Em:574nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Background

The protein encoded by this gene is a leucine-rich repeat-containing receptor (LGR) and member of the G protein-coupled, 7-transmembrane receptor (GPCR) superfamily. The encoded protein is a receptor for R-spondins and is involved in the canonical Wnt signaling pathway. This protein plays a role in the formation and maintenance of adult intestinal stem cells during postembryonic development. Several transcript variants encoding different isoforms have been found for this gene.

Immunogen Information

Gene ID

8549

Swiss Prot

O75473

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

FEX; HG38; GPR49; GPR67; GRP49

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

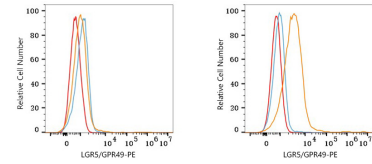
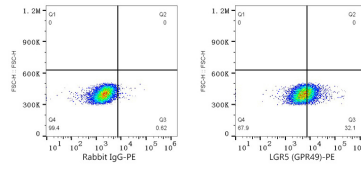
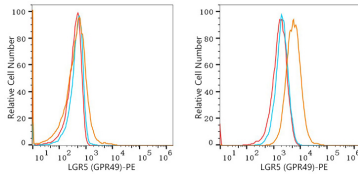
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 U-937 cells (negative control, left) and Hep G2 cells (right) were surface-stained with PE Rabbit anti-Human LGR5 (GPR49) mAb (A26863, 5 μ l/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 Hep G2 cells were surface-stained with PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or PE Rabbit anti-Human LGR5 (GPR49) mAb (A26863, 5 μ l/Test, right).

Flow cytometry: 1×10^6 knockout (KO) SW620 cells (negative control, left) and SW620 cells (right) were surface-stained with PE Rabbit anti-Human LGR5 (GPR49) mAb (A26863, 5 μ l/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).