

APC Rabbit anti-Human LGR5 (GPR49) mAb

Catalog No.: A26864

Basic Information

Observed MW

Calculated MW

100kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC71071-APC

Conjugate

APC. Ex:650nm. Em:660nm.

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

A synthetic peptide corresponding to a sequence within amino acids 480-580 of human LGR5 (NP_003658.1).

Synonyms

FEX; HG38; GPR49; GPR67; GRP49

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

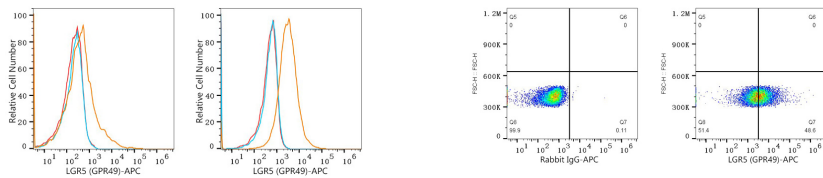
Affinity purification

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 APC Rabbit anti-Human LGR5 (GPR49) mAb (A26864, 5 μ l/Test, orange line) or APC Rabbit IgG isotype control (A24173, 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 APC Rabbit IgG isotype control (A24173, 5 μ l/Test, left) or APC Rabbit anti-Human LGR5 (GPR49) mAb (A26864, 5 μ l/Test, right).