
LGR6 Recombinant Rabbit mAb

Catalog Number: bsm-62179R

Target Protein: LGR6

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Isotype: IgG

Applications: **WB** (1:500-2000), **Flow-Cyt** (1:20-50), **ICC/IF** (1:50-200)

Reactivity: Human (predicted: Mouse, Rat)

Predicted MW: 104

Detected MW: 104

Subcellular Cell membrane

Locations:

Entrez Gene: 59352

Swiss Prot: Q9HBX8

Source: A synthesized peptide derived from human LGR6: 850-967.

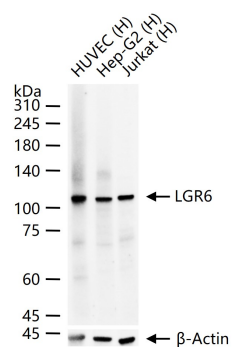
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Receptor for R-spondins that potentiates the canonical Wnt signaling pathway and acts as a marker of multipotent stem cells in the epidermis. Upon binding to R-spondins (RSPO1, RSPO2, RSPO3 or RSPO4), associates with phosphorylated LRP6 and frizzled receptors that are activated by extracellular Wnt receptors, triggering the canonical Wnt signaling pathway to increase expression of target genes. In contrast to classical G-protein coupled receptors, does not activate heterotrimeric G-proteins to transduce the signal. May act as a tumor suppressor.

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with LGR6 monoclonal antibody, unconjugated (bsm-62179R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.