

## Mouse Monoclonal Antibody to LGR5

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|--------------------------------|--|
| <b>Catalogue Number</b>        | sAP-1216   |
| <b>Target Molecule</b>         | <p><b>Name: LGR5</b></p> <p><b>Aliases:</b> FEX; HG38; GPR49; GPR67; GRP49</p> <p><b>MW: 100kDa</b></p> <p><b>Entrez Gene ID: 8549</b></p>   |
| <b>Description</b>             | LGR5 (Leucine-Rich Repeat Containing G Protein-Coupled Receptor 5) is a Protein Coding gene. Among its related pathways are Wnt signaling pathway (KEGG). GO annotations related to this gene include G-protein coupled receptor activity and transmembrane signaling receptor activity. An important paralog of this gene is LGR6.; |
| <b>Immunogen</b>               | Purified recombinant fragment of human LGR5 (AA: 22-178) expressed in E. Coli.   |
| <b>Recombinant Species</b>     | Human;   |
| <b>Clone</b>                   | MM2B5C3;   |
| <b>Size and Concentration</b>  | 100µg/1mg/ml   |
| <b>Supplied as</b>             | Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide  |
| <b>Reconstitution/Storages</b> | Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage   |
| <b>Applications</b>            | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM:  |
| <b>Shipping</b>                | Regular FEDEX overnight shipment (ambient temperature)   |
| <b>Reference</b>               | 1.Tumour Biol. 2014 Nov;35(11):11605-12. ; 2.Int J Mol Med. 2014 Jul;34(1):35-42.;   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**