

## Anti-LgR5 [1-12] Standard Size Ab04170-11.0

**Isotype and Format:** Human IgG2, Kappa

**Clone Number:** 1-12

**Alternative Name(s) of Target:** LGR5.1-12; Leucine-rich repeat-containing G-protein coupled receptor 5; G-protein coupled receptor 49; G-protein coupled receptor 67; G-protein coupled receptor HG38

**UniProt Accession Number of Target Protein:** O75473

**Published Application(s):** FACS, ELISA, IHC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was originated by immunizing rabbits with an LgR5 extracellular domain (ECD) huFc.

**Specificity:** The antibody is specific for human LgR5. The antibody binds an epitope outside the region of amino acids 22 to 322 of human LgR5.

**Application Notes:** The specificity of the original format of the antibody was confirmed by ELISA analysis. The original format of the antibody could recognise human LgR5 expressed in 293 cells by FACS. The original format of the antibody was used to detect expression of LgR5 on normal human tissues by immunohistochemistry. The antibody stained normal intestinal crypts in the expected pattern. The antibody also showed moderate staining in hair follicle, and weak staining in fallopian tube, endometrium, adrenal gland, and spinal cord. Further, the antibody detected LgR5 in different colon cancer cell lines (SW403, SW948, CACO-2, T84, KM-12, C2BBel, SW1463, SK-CO-1, LOVO) by immunohistochemistry (US20190248889).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.