Anti-LgR5 [1-12] Bulk Size Ab04170-11.0-BT

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: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4^{o}C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20^{o}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.