



Anti-LGR5 monoclonal antibody, clone 450DU27.2.4.2 (DCABY-1212)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Orphan receptor. Stem cell marker of the intestinal epithelium and the hair follicle. Target gene of Wnt signaling.
Specificity	This LGR5/GPR49 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 443-473 amino acids from human LGR5/GPR49.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	450DU27.2.4.2
Conjugate	Unconjugated
Applications	WB
Molecular Weight	99998 Da
Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Size	100 µl
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Ship	Blue ice

GENE INFORMATION

Gene Name	LGR5 leucine-rich repeat containing G protein-coupled receptor 5 [Homo sapiens (human)]
Official Symbol	LGR5
Synonyms	LGR5; GPR49; GPR67; Leucine-rich repeat-containing G-protein coupled receptor 5; G-protein coupled receptor 49; G-protein coupled receptor 67; G-protein coupled receptor HG38
Entrez Gene ID	8549
Protein Refseq	NP_001264155
UniProt ID	O75473
Chromosome Location	12q22-q23
Function	NOT G-protein coupled receptor activity; protein binding; transmembrane signaling receptor activity