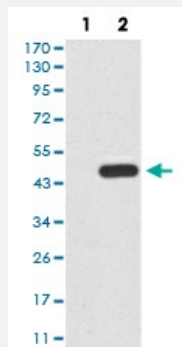


LGR5 monoclonal antibody, clone 2B5B9

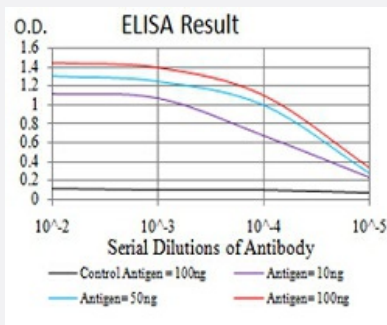
Catalog # MAB17138 Size 100 ug

Applications



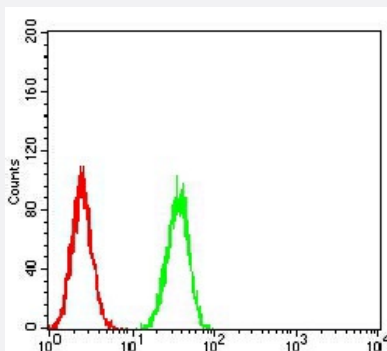
Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) LGR5-hlgGfc transfected HEK293 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of LGR5 monoclonal antibody, clone 2B5B9.



Flow Cytometry

Flow cytometric analysis of A549 cells with LGR5 monoclonal antibody (green) and negative control (red).

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human LGR5.

Immunogen	Recombinant protein corresponding to amino acid 22-178 of human LGR5 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	100kDa
Reactivity	Human
Form	Liquid
Isotype	IgG2b
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) LGR5-hlgGfc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of LGR5 monoclonal antibody, clone 2B5B9.

- Flow Cytometry

Flow cytometric analysis of A549 cells with LGR5 monoclonal antibody (green) and negative control (red).

Gene Info — LGR5

Entrez GeneID	8549
Gene Name	LGR5
Gene Alias	FEX, GPR49, GPR67, GRP49, HG38, MGC117008

Gene Description	leucine-rich repeat-containing G protein-coupled receptor 5
Omim ID	606667
Gene Ontology	Hyperlink
Other Designations	G protein-coupled receptor 49 G protein-coupled receptor 67 orphan G protein-coupled receptor HG38

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hyperglycemia](#)
- [Obesity](#)