

# Product Datasheet

## Lgr5/GPR49 Antibody (707042) [Janelia Fluor® 525] FAB8078JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB8078JF525**

Lgr5/GPR49 Antibody (707042) [Janelia Fluor® 525]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	707042
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Conjugate</b>	Janelia Fluor 525
<b>Purity</b>	0
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	8549
<b>Gene Symbol</b>	LGR5
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Detects human Lgr5/GPR49 in ELISA. Stains human and mouse Lgr5 transfected cells but not irrelevant transfectants in Flow Cytometry and Immunocytochemistry. This antibody, also known as "RD42", has been found to detect an epitope in C-terminal LRR cap of LGR5 (Ref. 1).
<b>Immunogen</b>	Chinese hamster ovary cell line CHO-derived recombinant human Lgr5/GPR49 Met1-Ile560 Accession # O75473
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Agonist Activity, CyTOF-ready, Immunocytochemistry
<b>Recommended Dilutions</b>	Flow Cytometry, Agonist Activity, Immunocytochemistry, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### Products Related to FAB8078JF525

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NBP1-28904PEP	Lgr5/GPR49 Antibody Blocking Peptide
DY413-05	IL-13 [Biotin]
8078-GP-050	Lgr5/GPR49 [Unconjugated]
7150-RS-025/CF	R-Spondin 1 [Unconjugated]

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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