

# Product Datasheet

## Lgr5/GPR49 Antibody (4H8) - BSA Free NBP3-15237

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-15237**

Lgr5/GPR49 Antibody (4H8) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4H8
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

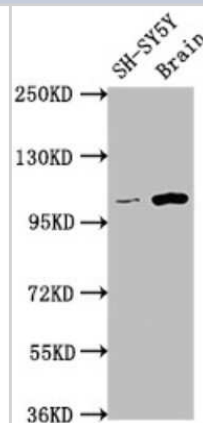
Product Description	
Description	Novus Biologicals Rabbit Lgr5/GPR49 Antibody (4H8) - BSA Free (NBP3-15237) is a recombinant monoclonal antibody validated for use in WB, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8549
Gene Symbol	LGR5
Species	Human, Rat
Immunogen	A synthesized peptide derived from human LGR5/GPR49. UniProt ID (O75473).

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry
Recommended Dilutions	Western Blot 1:500-1:5000, Flow Cytometry, ELISA

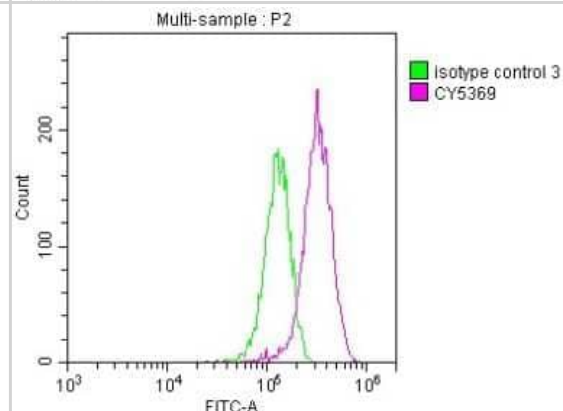


## Images

Western Blot: Lgr5/GPR49 Antibody (4H8) [NBP3-15237] - Positive WB detected in: SH-SY5Y whole cell lysate, Rat brain tissue. All lanes: Lgr5/GPR49 antibody at 1:1500. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 100, 98, 93 KDa. Observed band size: 100 KDa.



Flow Cytometry: Lgr5/GPR49 Antibody (4H8) [NBP3-15237] - Overlay histogram showing HepG2 cells stained with Lgr5/GPR49 antibody (red line) at 1:50. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup>cells) for 1 h at 4C. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4C. Control antibody (green line) was Rabbit IgG (1ug/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.





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### **Products Related to NBP3-15237**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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