

# 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**

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

**Product Description**

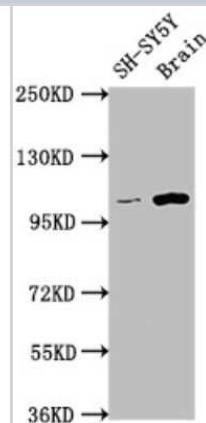
<b>Host</b>	Rabbit
<b>Gene ID</b>	8549
<b>Gene Symbol</b>	LGR5
<b>Species</b>	Human, Rat
<b>Immunogen</b>	A synthesized peptide derived from human LGR5/GPR49. UniProt ID (O75473).

**Product Application Details**

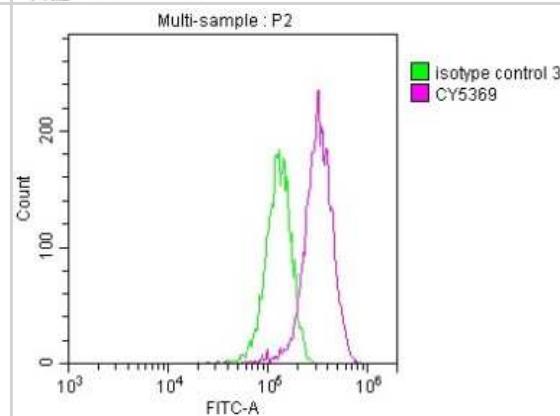
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, Flow Cytometry, ELISA

## 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

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-28904PEP	Lgr5/GPR49 Antibody Blocking Peptide

## 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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