

Product Datasheet

Lgr5/GPR49 Antibody (CL13567) - Azide and BSA Free NBP3-43844

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-43844

Lgr5/GPR49 Antibody (CL13567) - Azide and BSA Free

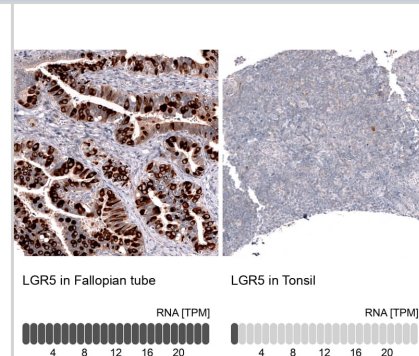
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13567
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2a
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	8549
Gene Symbol	LGR5
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of O75473, with the exact immunogen sequence remaining proprietary.

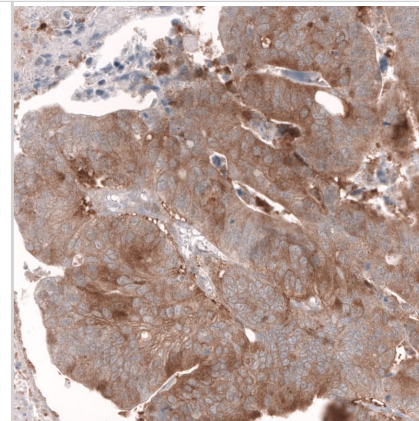
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments.

Images

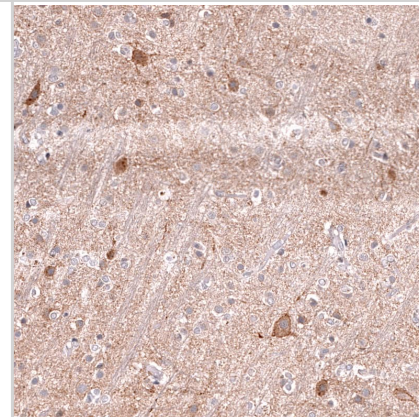
Analysis in human fallopian tube and tonsil tissues using NBP3-43844 antibody. Corresponding Lgr5/GPR49 RNA-seq data are presented for the same tissues.



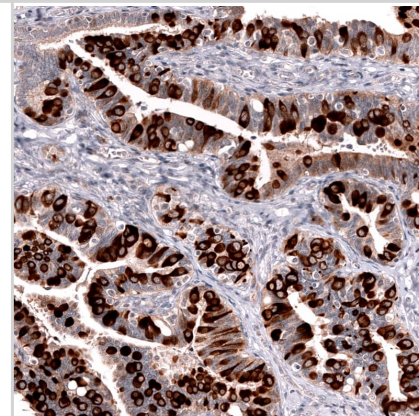
Staining of human colorectal cancer shows moderate cytoplasmic positivity in tumor cells.



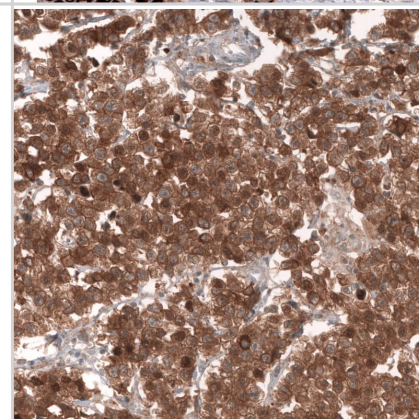
Staining of human cerebral cortex shows moderate membranous positivity in a subset of neurons.



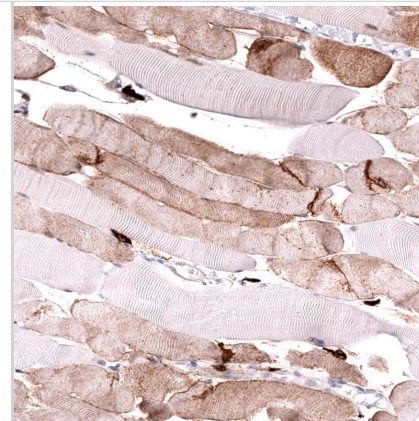
Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



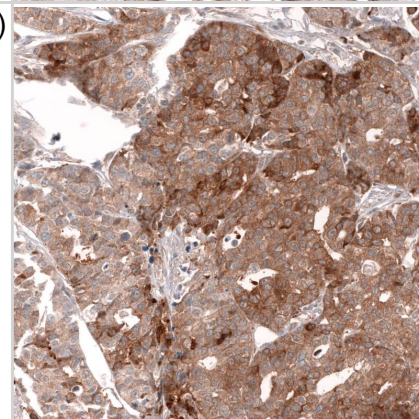
Staining of human ovarian cancer (dysgerminoma) shows strong membranous and cytoplasmic positivity in tumor cells.



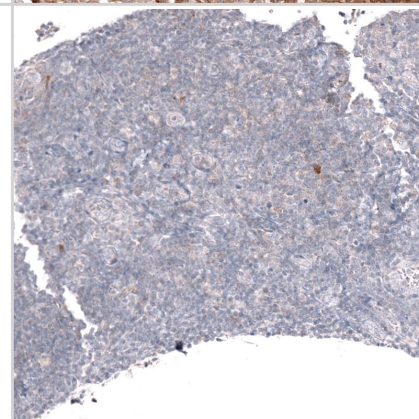
Staining of human skeletal muscle shows moderate membranous positivity in myocytes.



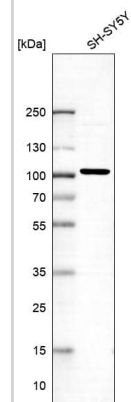
Staining of human ovarian cancer (high grade serous ovarian carcinoma) shows strong cytoplasmic positivity in tumor cells.



Staining of human tonsil shows no positivity in non-germinal center cells as expected.



Analysis in human cell line SH-SY5Y.





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Products Related to NBP3-43844

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
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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