

Product Datasheet

Lgr5/GPR49 Antibody (CL13579) - Azide and BSA Free NBP3-43804

Unit Size: 100 ug

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

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NBP3-43804

Lgr5/GPR49 Antibody (CL13579) - Azide and BSA Free

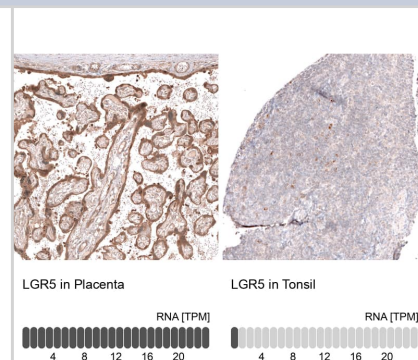
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13579
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
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.

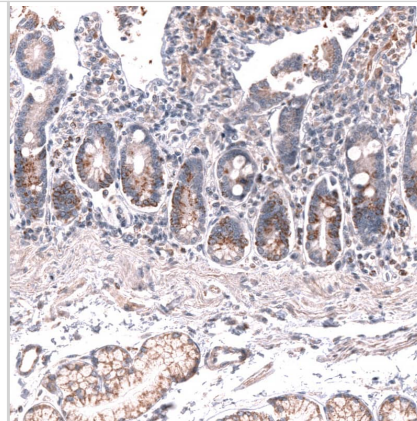
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments.

Images

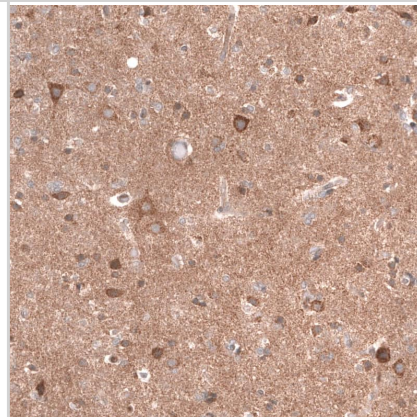
Analysis in human placenta and tonsil tissues using NBP3-43804 antibody. Corresponding Lgr5/GPR49 RNA-seq data are presented for the same tissues.



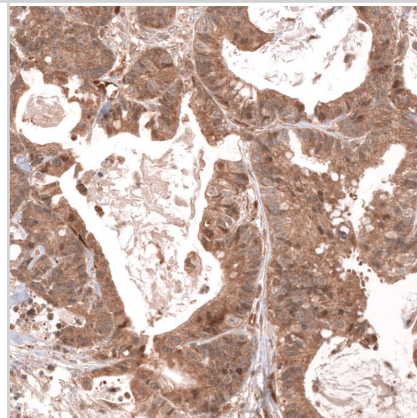
Staining of human duodenum shows moderate cytoplasmic and membranous positivity in glandular cells.



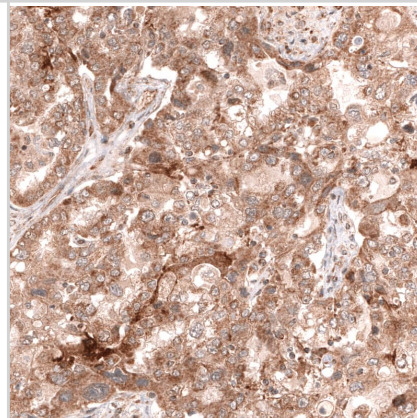
Staining of human cerebral cortex shows moderate cytoplasmic and membranous positivity in neurons and neuropil.



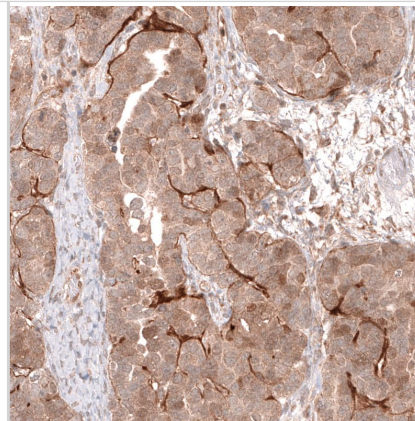
Staining of human colorectal cancer shows moderate cytoplasmic positivity in tumor cells.



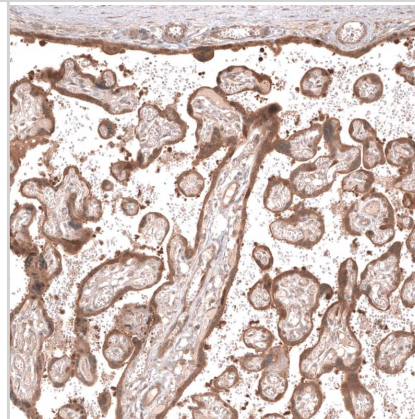
Staining of human ovarian cancer (endometrioid carcinoma) shows moderate cytoplasmic positivity in tumor cells.



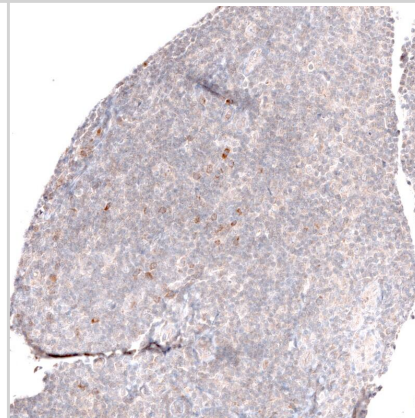
Staining of human ovarian cancer (papillary carcinoma) shows moderate to strong cytoplasmic and membranous positivity in tumor cells.



Staining of human placenta shows moderate cytoplasmic and membranous positivity in trophoblastic cells.



Staining of human tonsil shows mainly very weak positivity in non-germinal center cells.





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Products Related to NBP3-43804

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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