

Product Datasheet

Claudin-3 Antibody (CL13128) - Azide and BSA Free NBP3-44368

Unit Size: 100 ul

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

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NBP3-44368

Claudin-3 Antibody (CL13128) - Azide and BSA Free

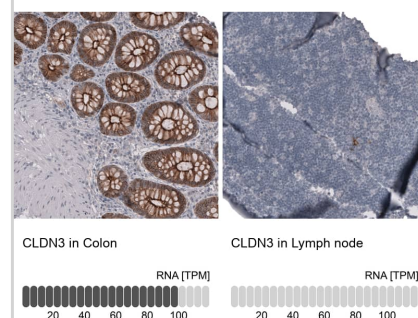
Product Information	
Unit Size	100 ul
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13128
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 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	1365
Gene Symbol	CLDN3
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of O15551, with the exact immunogen sequence remaining proprietary.

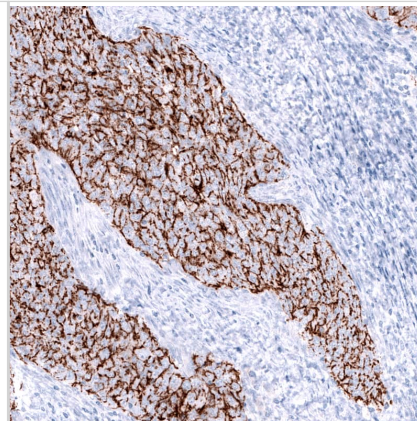
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended. For use with Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

Images

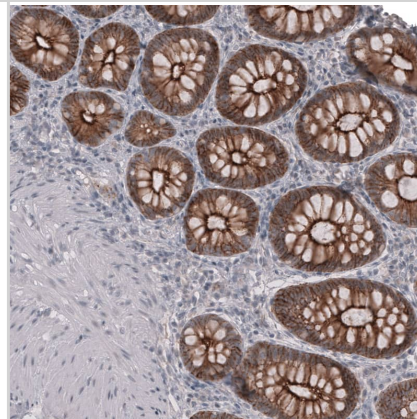
Analysis in human colon and lymph node tissues using NBP3-44368 antibody. Corresponding Claudin-3 RNA-seq data are presented for the same tissues.



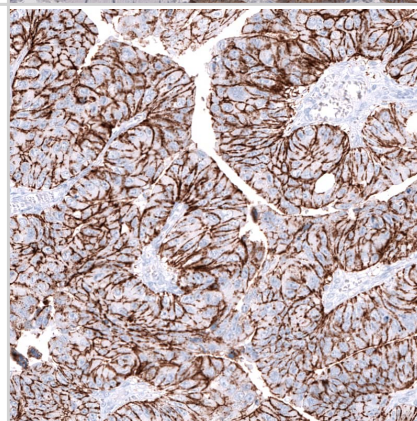
Staining of human endometrial cancer shows strong membranous positivity in tumor cells.



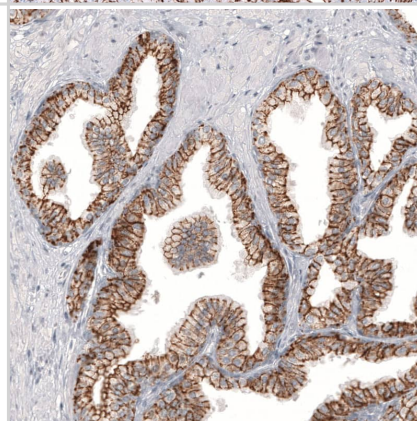
Staining of human colon shows moderate to strong membranous positivity in glandular cells.



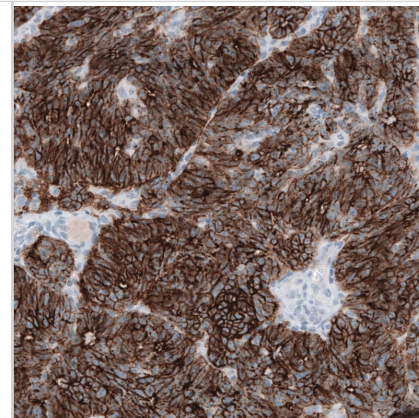
Staining of human colorectal cancer (metastasis to ovary) shows strong membranous positivity in tumor cells.



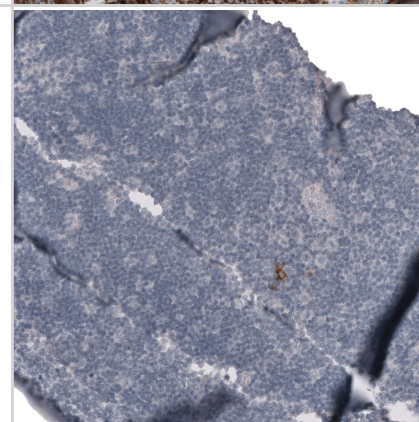
Staining of human prostate shows strong membranous positivity in glandular cells.



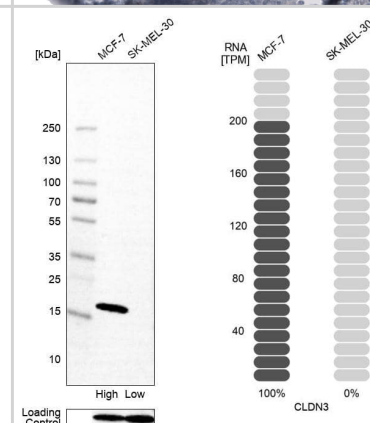
Staining of human ovarian cancer (endometrioid carcinoma) shows strong membranous positivity in tumor cells.



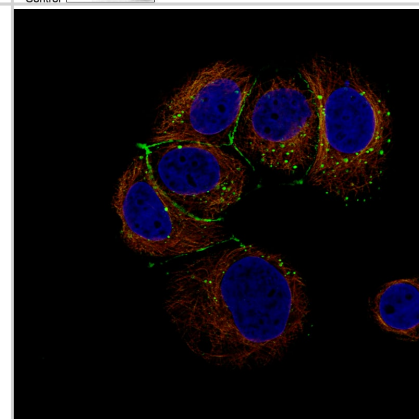
Staining of human lymph node shows no positivity in non-germinal center cells as expected.



Analysis in human cell line MCF-7 and human cell line SK-MEL-30.



Staining of MCF-7 cells using the Anti-Claudin-3 monoclonal antibody) .





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Products Related to NBP3-44368

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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)

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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