

Product Datasheet

Claudin-3 Antibody (CL13129) - BSA Free NBP3-18563-100ul

Unit Size: 100 ul

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

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Updated 9/9/2025 v.20.1

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NBP3-18563-100ul

Claudin-3 Antibody (CL13129) - BSA Free

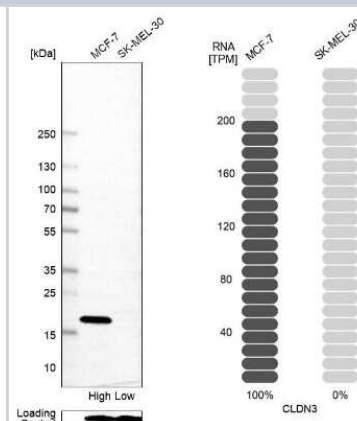
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13129
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description	
Description	Novus Biologicals Mouse Claudin-3 Antibody (CL13129) - BSA Free (NBP3-18563) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1365
Gene Symbol	CLDN3
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from O15551, with the exact immunogen sequence remaining proprietary.

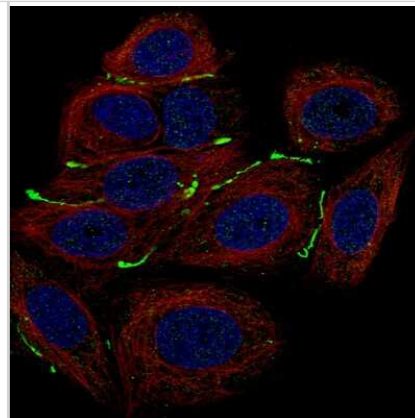
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin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

Images

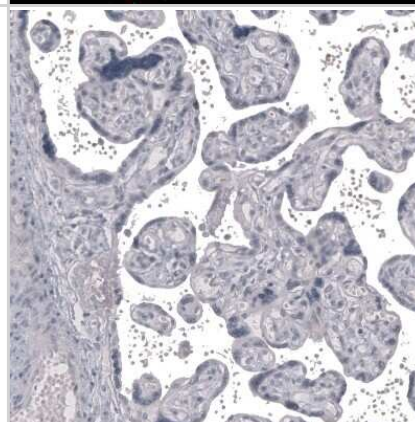
Western Blot: Claudin-3 Antibody (CL13129) [NBP3-18563] - Analysis in human cell line MCF-7 and human cell line SK-MEL-30.



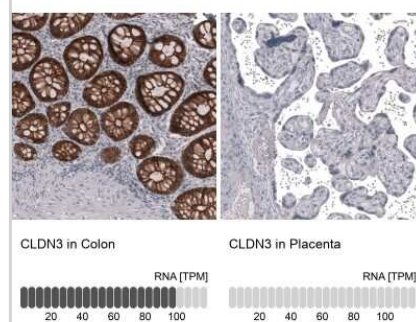
Immunocytochemistry/Immunofluorescence: Claudin-3 Antibody (CL13129) [NBP3-18563] - Staining of MCF-7 cells using the Anti-CLDN3 monoclonal antibody, showing specific staining in cell junctions in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



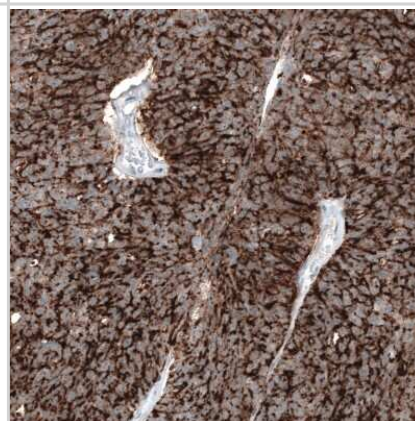
Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13129) [NBP3-18563] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



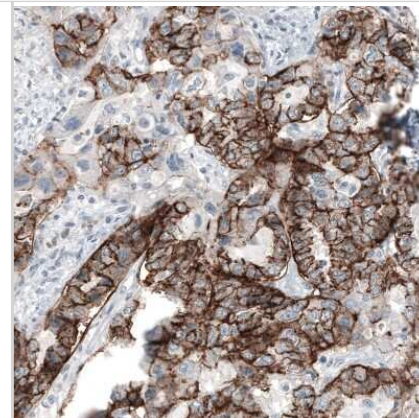
Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13129) [NBP3-18563] - Analysis in human colon and placenta tissues using NBP3-18563 antibody. Corresponding CLDN3 RNA-seq data are presented for the same tissues.



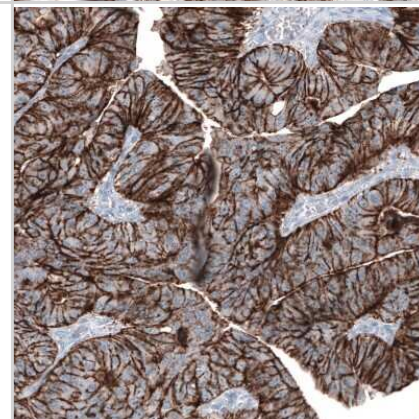
Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13129) [NBP3-18563] - Staining of human ovarian cancer (high grade serous carcinoma) shows strong membranous positivity in tumor cells.



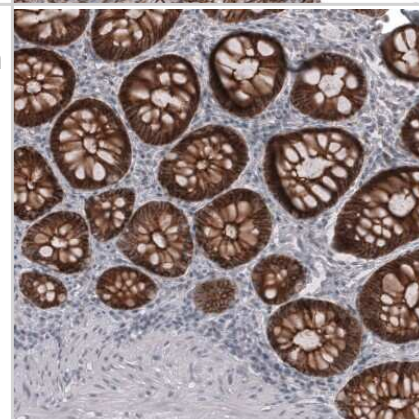
Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13129) [NBP3-18563] - Staining of human ovarian cancer (endometrioid carcinoma) shows strong membranous positivity in tumor cells.



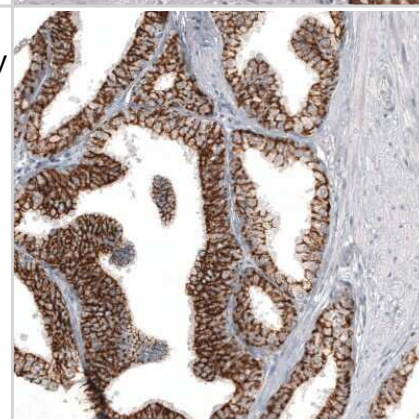
Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13129) [NBP3-18563] - Staining of human colorectal cancer (metastasis to ovary) shows strong membranous positivity in tumor cells.



Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13129) [NBP3-18563] - Staining of human colon shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13129) [NBP3-18563] - Staining of human prostate shows strong membranous positivity in glandular cells.





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Products Related to NBP3-18563-100ul

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)
H00001365-P01-10ug	Recombinant Human Claudin-3 GST (N-Term) Protein

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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