

Product Datasheet

Claudin-3 Antibody (CL13130) - Azide and BSA Free NBP3-44366

Unit Size: 100 ug

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

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NBP3-44366**Claudin-3 Antibody (CL13130) - 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 | CL13130 |
| 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 |

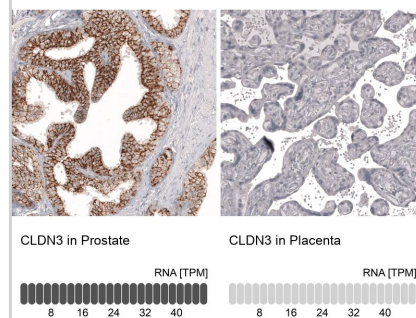
| Product Description | |
|----------------------------|--|
| Description | Novus Biologicals Mouse Claudin-3 Antibody (CL13130) - Azide and BSA Free (NBP3-18555) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 1365 |
| Gene Symbol | CLDN3 |
| Species | Human |
| Immunogen | This antibody was generated using a synthetic peptide of O15551, with the exact immunogen sequence remaining proprietary. |

| Product Application Details | |
|------------------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence |
| 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. |

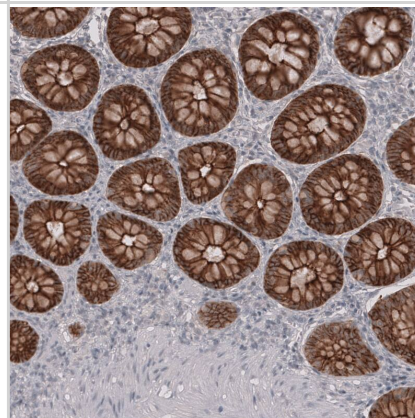


Images

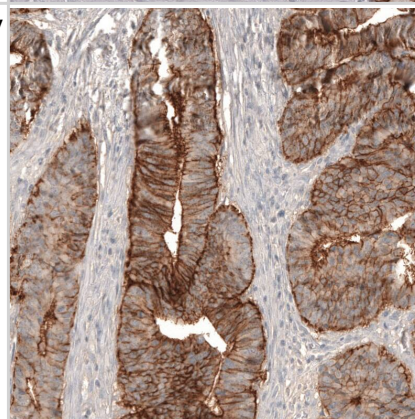
Analysis in human prostate and placenta tissues using NBP3-44366 antibody. Corresponding Claudin-3 RNA-seq data are presented for the same tissues.



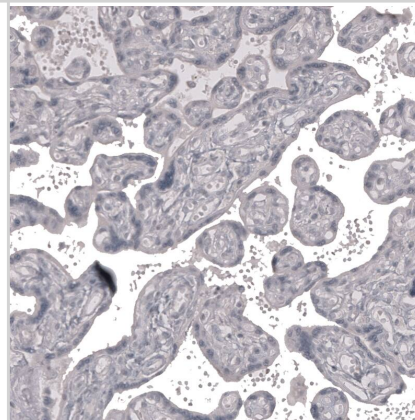
Staining of human colon shows strong membranous positivity in glandular cells.



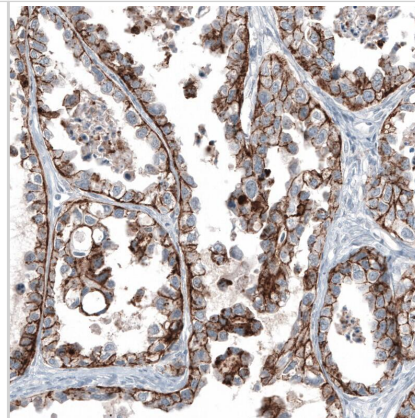
Staining of human colorectal cancer shows strong membranous positivity in tumor cells.



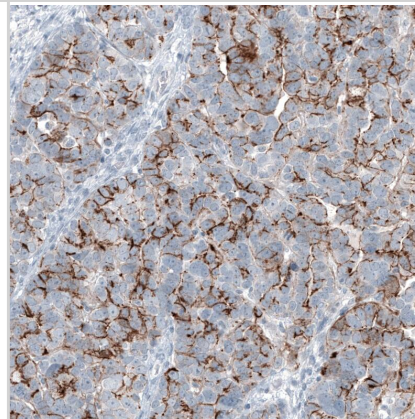
Staining of human placenta shows no positivity in trophoblastic cells as expected.



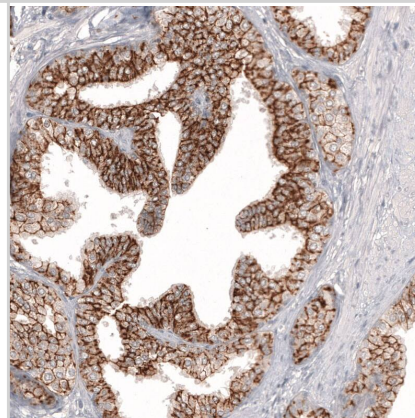
Staining of human ovarian cancer (clear cell carcinoma) shows strong membranous positivity in tumor cells.



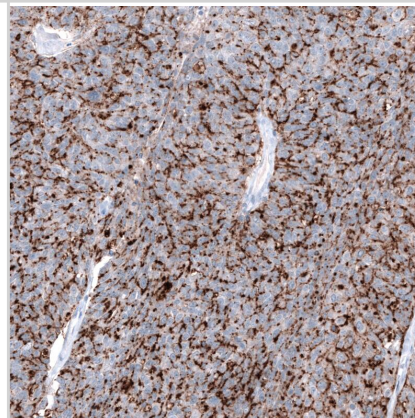
Staining of human ovarian cancer (papillary carcinoma) shows strong membranous positivity in tumor cells.



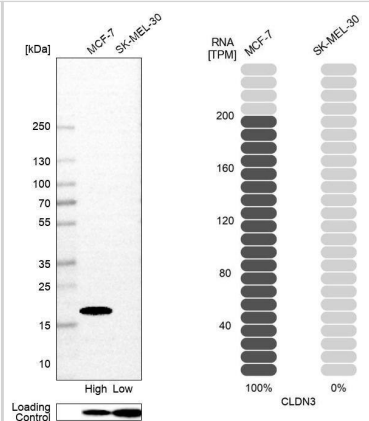
Staining of human prostate shows strong membranous positivity in glandular cells.



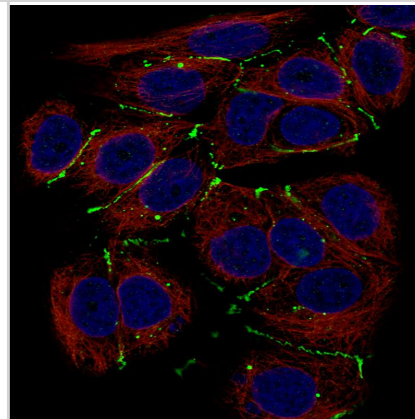
Staining of human ovarian cancer (endometrioid carcinoma) shows strong membranous positivity in tumor cells.



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 NBP3-44366

| | |
|------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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