

# Product Datasheet

## CDX2 Antibody (CL12967)

### NBP3-18571-100ul

Unit Size: 100 ul

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

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**NBP3-18571-100ul**

CDX2 Antibody (CL12967)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL12967
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, pH 7.2, 40% glycerol

**Product Description**

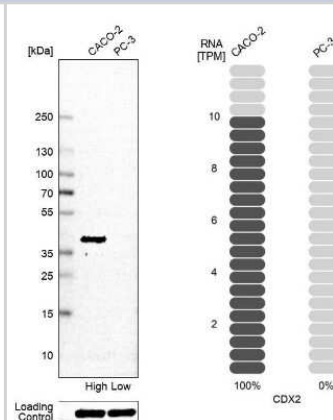
<b>Host</b>	Mouse
<b>Gene ID</b>	1045
<b>Gene Symbol</b>	CDX2
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a synthetic peptide derived from Q99626, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

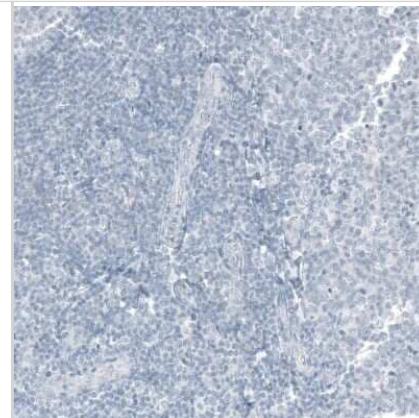
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	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**

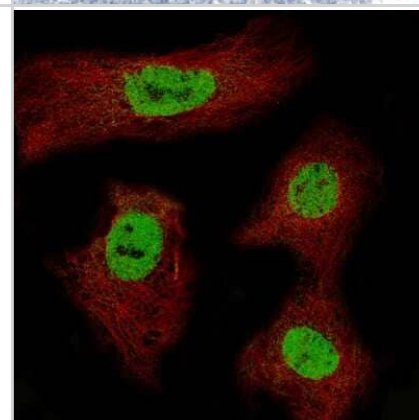
Immunocytochemistry/Immunofluorescence: CDX2 Antibody (CL12967) [NBP3-18571] - Analysis in human cell line CACO-2 and human cell line PC-3.



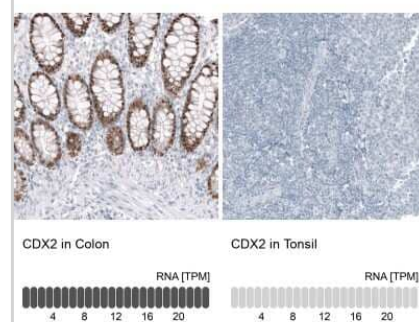
Immunohistochemistry-Paraffin: CDX2 Antibody (CL12967) [NBP3-18571] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.



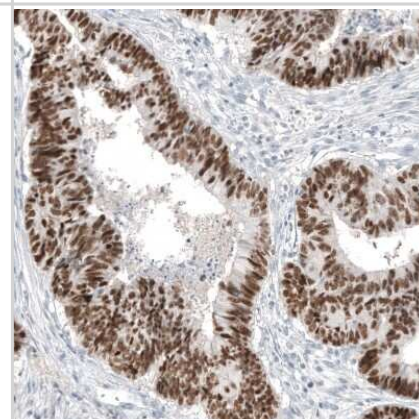
Immunocytochemistry/Immunofluorescence: CDX2 Antibody (CL12967) [NBP3-18571] - Staining of CACO-2 cells using the Anti-CDX2 monoclonal antibody, showing specific staining in nucleoplasm in green. Microtubule probes are visualized in red (where available).



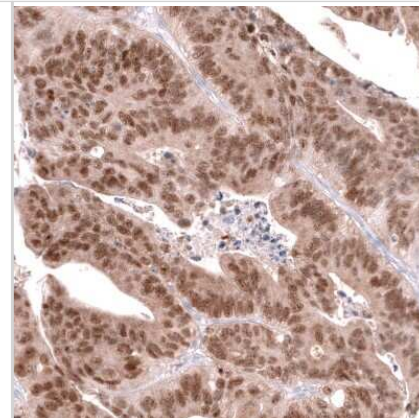
Immunohistochemistry-Paraffin: CDX2 Antibody (CL12967) [NBP3-18571] - Analysis in human colon and tonsil tissues using NBP3-18571 antibody. Corresponding CDX2 RNA-seq data are presented for the same tissues.



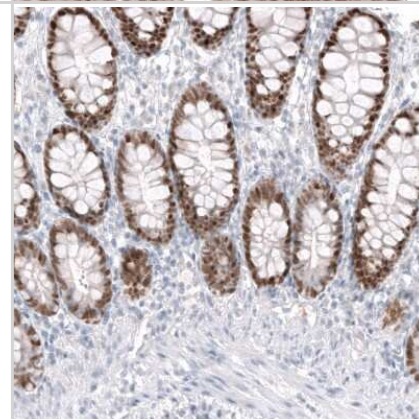
Immunohistochemistry-Paraffin: CDX2 Antibody (CL12967) [NBP3-18571] - Staining of human colorectal cancer shows strong nuclear positivity in tumor cells.



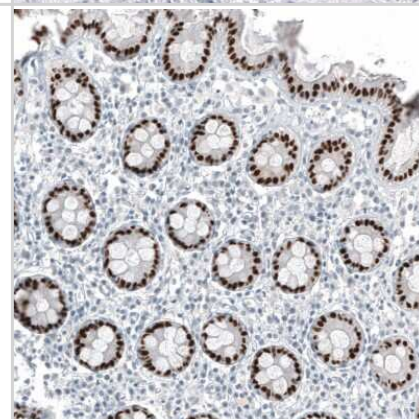
Immunohistochemistry-Paraffin: CDX2 Antibody (CL12967) [NBP3-18571] - Staining of human colorectal cancer (metastasis to ovary) shows moderate to strong nuclear positivity in tumor cells.



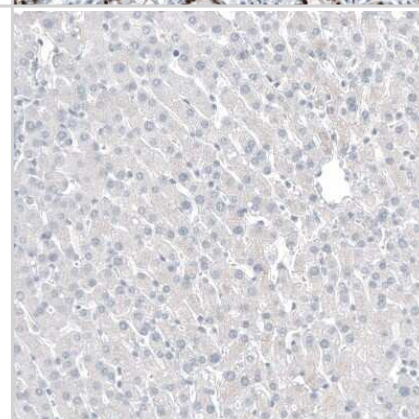
Immunohistochemistry-Paraffin: CDX2 Antibody (CL12967) [NBP3-18571] - Staining of human colon shows moderate to strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: CDX2 Antibody (CL12967) [NBP3-18571] - Staining of human rectum shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: CDX2 Antibody (CL12967) [NBP3-18571] - Staining of human liver shows no positivity in hepatocytes as expected.





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### **Products Related to NBP3-18571-100ul**

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)
H00001045-P01-10ug	Recombinant Human CDX2 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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