

# Product Datasheet

## CDX2 Antibody (CL12967) - Azide and BSA Free NBP3-44392

Unit Size: 100  $\mu$ l

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

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**NBP3-44392**

CDX2 Antibody (CL12967) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	LYOPH mg/ml
<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>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

**Product Description**

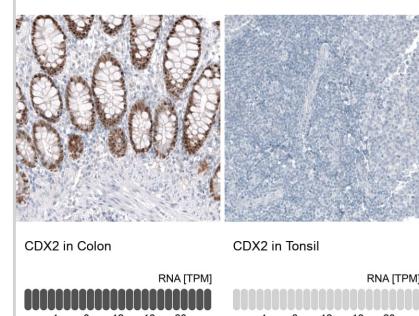
<b>Host</b>	Mouse
<b>Gene ID</b>	1045
<b>Gene Symbol</b>	CDX2
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was generated using a synthetic peptide of Q99626, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

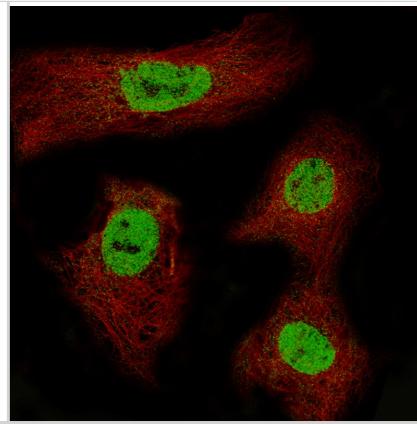
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended. For use with Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

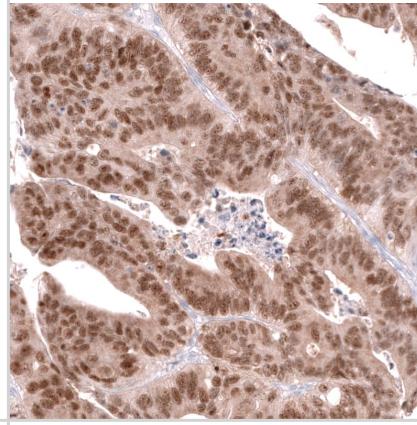
Analysis in human colon and tonsil tissues using NBP3-44392 antibody. Corresponding CDX2 RNA-seq data are presented for the same tissues.



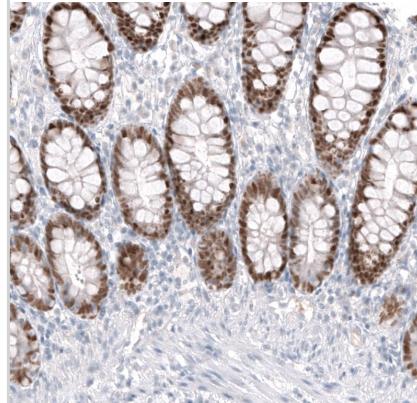
Staining of CACO-2 cells using the Anti-CDX2 monoclonal antibody) .



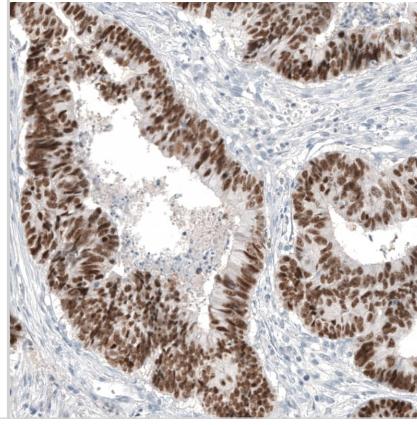
Staining of human colorectal cancer (metastasis to ovary) shows moderate to strong nuclear positivity in tumor cells.



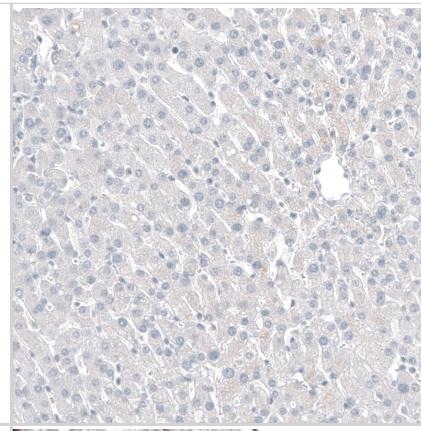
Staining of human colon shows moderate to strong nuclear positivity in glandular cells.



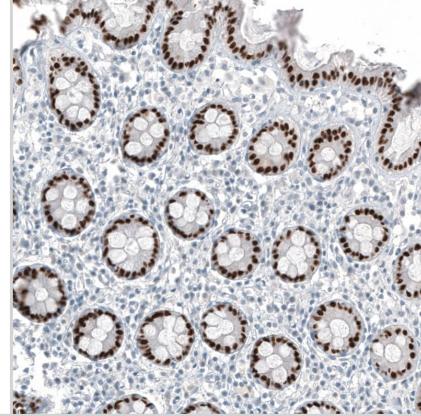
Staining of human colorectal cancer shows strong nuclear positivity in tumor cells.



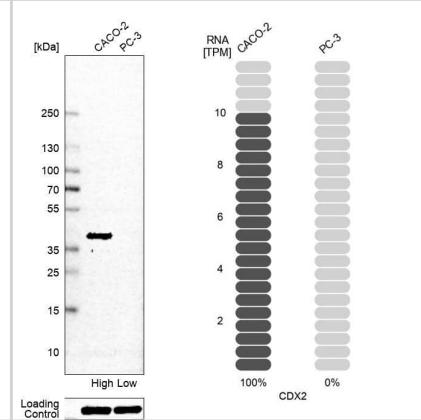
Staining of human liver shows no positivity in hepatocytes as expected.



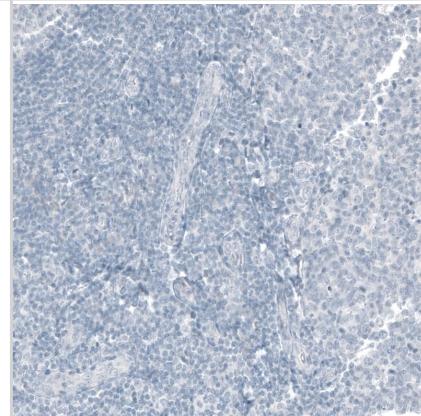
Staining of human rectum shows strong nuclear positivity in glandular cells.



Analysis in human cell line CACO-2 and human cell line PC-3.



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





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## Products Related to NBP3-44392

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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