

Product Datasheet

CDX2 Antibody (CL12974) - Azide and BSA Free NBP3-44391

Unit Size: 100 ul

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

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NBP3-44391

CDX2 Antibody (CL12974) - 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	CL12974
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

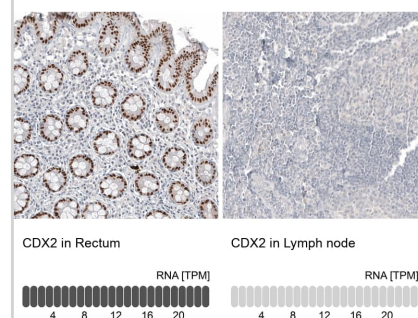
Host	Mouse
Gene ID	1045
Gene Symbol	CDX2
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of Q99626, with the exact immunogen sequence remaining proprietary.

Product Application Details

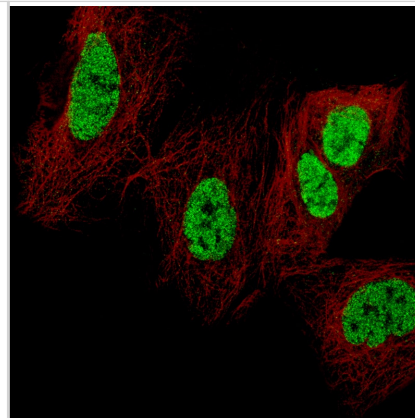
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended. For use with Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

Images

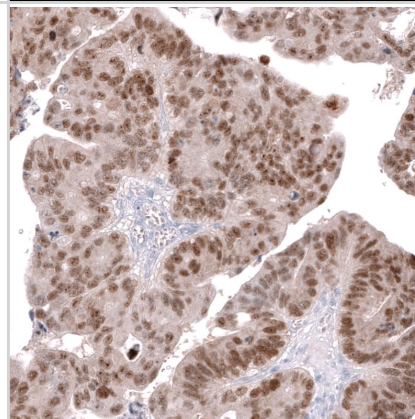
Analysis in human rectum and lymph node tissues using NBP3-44391 antibody. Corresponding CDX2 RNA-seq data are presented for the same tissues.



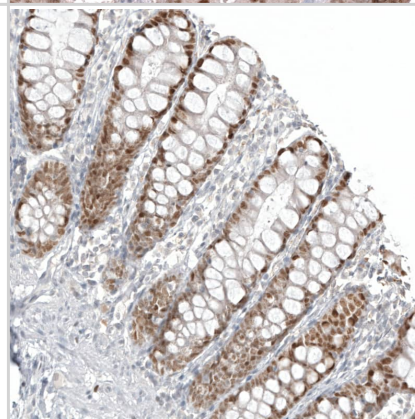
Staining of CACO-2 cells using the Anti-CDX2 monoclonal antibody) .



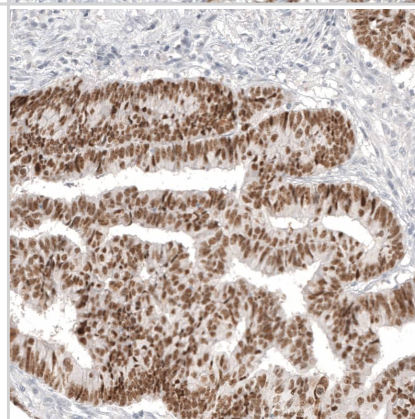
Staining of human colorectal cancer (metastasis to ovary) shows moderate to strong nuclear positivity in tumor cells.



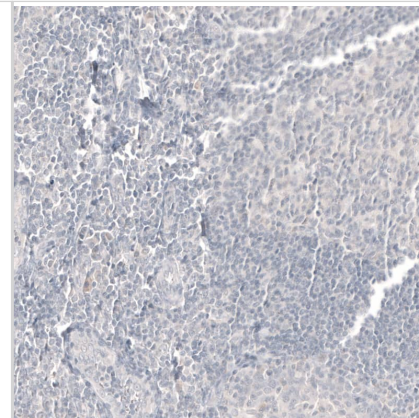
Staining of human colon shows moderate nuclear positivity in glandular cells.



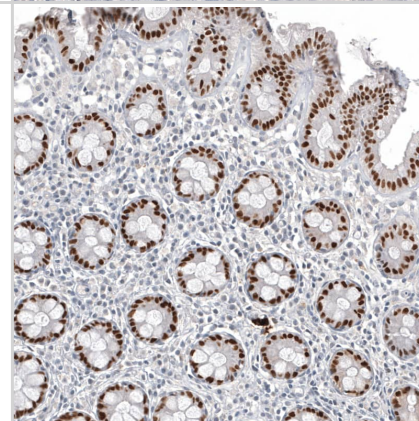
Staining of human colorectal cancer shows strong nuclear positivity in tumor cells.



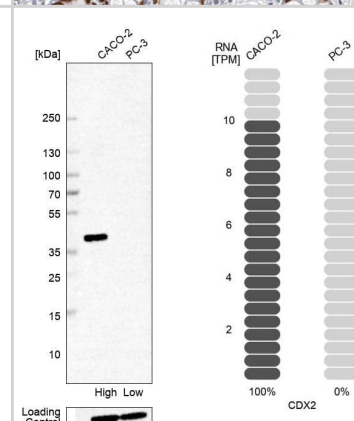
Staining of human lymph node shows no positivity in non-germinal center cells as expected.



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



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





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Products Related to NBP3-44391

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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