

# Product Datasheet

## CDX2 Antibody (PCRP-CDX2-1A3) - Azide and BSA Free NBP2-75759

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-75759**

CDX2 Antibody (PCRP-CDX2-1A3) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PCRP-CDX2-1A3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	40 kDa

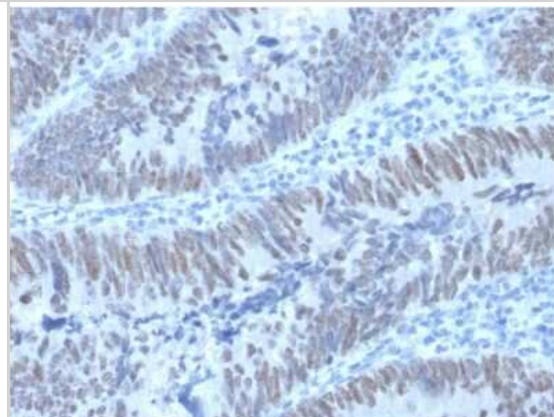
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-75758).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	1045
Gene Symbol	CDX2
Species	Human
Marker	GI Epithelial Marker
Specificity/Sensitivity	The specificity of this monoclonal antibody to its intended target was validated by HuProtTMArray, containing more than 19,000, full-length human proteins. The intestine-specific transcription factors CDX1 and CDX2 are important for directing intestinal development, differentiation, proliferation and maintenance of the intestinal phenotype. CDX2 protein expression has been seen in GI carcinomas. Anti-CDX2 has been useful to establish GI origin of metastatic adenocarcinomas and carcinoids and is especially useful to distinguish metastatic colorectal adenocarcinoma from lung adenocarcinoma. However, mucinous carcinomas of the ovary also express CDX2 protein. It limits the usefulness of this marker in the distinction of metastatic colorectal adenocarcinoma from mucinous carcinoma of the ovary.
Immunogen	Recombinant human full-length CDX2 protein (Uniprot: Q99626)

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Microarray, Protein Array
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 0.5-1 ug/ml, Microarray, Protein Array
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

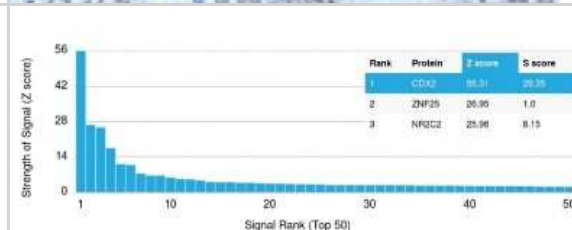


## Images

Immunohistochemistry-Paraffin: CDX2 Antibody (PCRP-CDX2-1A3) - Azide and BSA Free [NBP2-75759] - Formalin-fixed, paraffin-embedded human Colon Carcinomastained with CDX2 Mouse Monoclonal Antibody (PCRP-CDX2-1A3).



Protein Array: CDX2 Antibody (PCRP-CDX2-1A3) - Azide and BSA Free [NBP2-75759] - Analysis of Protein Array containing more than 19,000 full-length human proteins using CDX2 antibody (PCRP-CDX2-1A3)





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### **Products Related to NBP2-75759**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
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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