

CDX2 / Caudal Type Homeobox 2 (GI Epithelial Marker) Antibody

Mouse Monoclonal Antibody [Clone CDX2/1690]

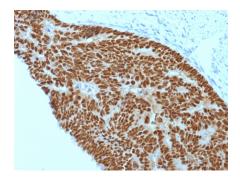
1045-MSM1-P0 Purified A		
	b with BSA and Azide at 200ug/ml 2	20 ug
		100 ug
1045-MSM1-P1ABX Purified A	b WITHOUT BSA and Azide at 1.0mg/ml 1	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)		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 95°C followed by cooling at RT for 20 minutes

CDX2/1690
CDX2
Recombinant fragment (around aa150-249) of human CDX2 protein (exact sequence is proprietary)
Mouse
Monoclonal
IgG2a / Kappa
40kDa
Nucleus
Human
HT29 cells. Colon Carcinoma.

*Optimal dilution for a specific application should be determined.

Product Images for CDX2 / Caudal Type Homeobox 2 (GI Epithelial Marker) Antibody

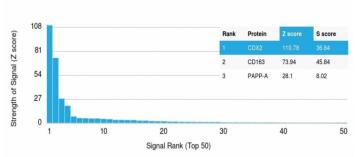


Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CDX2 Mouse Monoclonal Antibody (CDX2/1690).

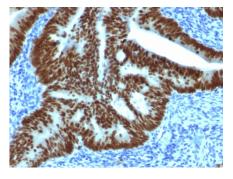
	R	NR	
250→			
150→		-	
100→			
75→			
50→	 -		2ug loading NR=Non-
37→			reduced R=reduced
25→	 -		
20→			
15→			
10→			

SDS-PAGE Analysis of Purified CDX2 Mouse Monoclonal Antibody (CDX2/1690). Confirmation of Purity and Integrity of Antibody.





Analysis of Protein Array containing >19,000 full-length human proteins using CDX2 Mouse Monoclonal Antibody (CDX2/1690) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD,Äôs) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD,Äôs) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Zscore of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CDX2 Mouse Monoclonal Antibody (CDX2/1690).

Specificity & Comments

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 carcinoidsand 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.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8° C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cancer, Nuclear Marker, Stem Cell Differentiation

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

