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

Mouse Monoclonal Antibody [Clone rCDX2/6921]

Catalog No	Format	Size
1045-MSM11-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1045-MSM11-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1045-MSM11-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

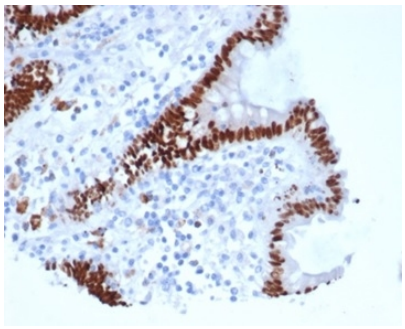
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

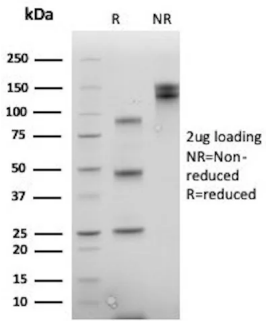
Clone	rCDX2/6921
Gene Name	CDX2
Immunogen	Recombinant fragments and synthetic peptides from human CDX2 protein (exact sequences are proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	40kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	HT29 cells. Human colon carcinoma

**Optimal dilution for a specific application should be determined.*

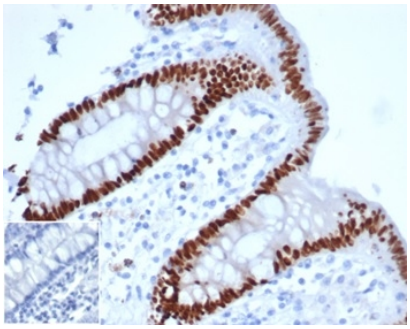
Product Images for Recombinant CDX2 / Caudal Type Homeobox 2 (GI Epithelial Marker) Antibody



Formalin-fixed, paraffin-embedded human colon carcinoma stained with CDX2 Recombinant Mouse Monoclonal Antibody (rCDX2/6921).



SDS-PAGE Analysis of Purified CDX2 Recombinant Mouse Monoclonal Antibody (rCDX2/6921). Confirmation of Purity and Integrity of Antibody.



IHC analysis of formalin-fixed, paraffin-embedded human colon adenocarcinoma. Strong nuclear staining using rCDX2/6921 at 2ug/ml in PBS for 30min RT. Inset: PBS instead of primary, secondary antibody control.

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

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.