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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-CDX2 (GI Epithelial Marker) Monoclonal Antibody

Catalog Number: M00877

About CDX2

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.

Overview

Product Name	Anti-CDX2 (GI Epithelial Marker) Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-CDX2 (GI Epithelial Marker) Monoclonal Antibody (Catalog # M00877). Tested in ELISA, IHC applications. This antibody reacts with Human.
Conjugate	Biotin
Application	ELISA, IHC
Clonality	Monoclonal Clone: CDX2/1690
Formulation	Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage Instructions	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.
Host	Mouse
Uniprot ID	Q99626

Technical Details

Immunogen	Recombinant fragment (around aa150-249) of human CDX2 protein (exact sequence is proprietary)
Predicted Reactive Species	Bovine, Canine, Mouse, Orangutan, Pig, Rabbit, Rat, Deer
Cross Reactivity	Does not cross-react with primate, avian or amphibian GR.
Isotype	IgG2a, kappa
Form	Liquid
Concentration	Purified antibody with BSA and azide at 200ug/ml

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Purification	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A/G.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: ELISA (Use Ab at 2-4ug/ml for coating) (Order Ab without BSA) Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT) (Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0 for 45 min at 95&degC followed by cooling at RT for 20 minutes) Optimal dilution for a specific application should be determined.

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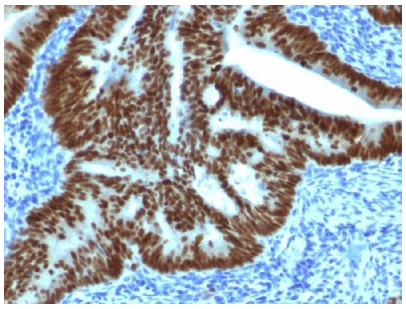
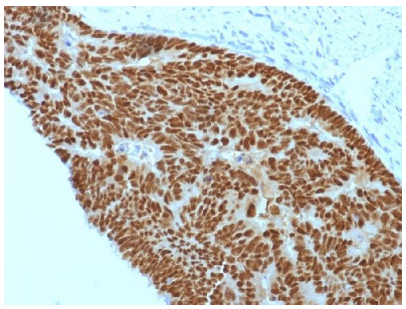
Anti-CDX2 (GI Epithelial Marker) Monoclonal Antibody (M00877) Images



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



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

1 Publications Citing This Product

1. PubMed ID: 26005051, Overexpression of caudal-related homeobox transcription factor 2 inhibits the growth of transplanted colorectal tumors in nude mice

Visit bosterbio.com/anti-cdx2-gi-epithelial-marker-antibody-m00877-boster.html to see all 1 publications.

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