

CDX2 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2686
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CDX2 (AA: 1-180) expressed in E. Coli.
Mol wt	33.5kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	CDX3;CDX-3;CDX2/AS

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene is a member of the caudal-related homeobox transcription factor gene family. The encoded protein is a major regulator of intestine-specific genes involved in cell growth and differentiation. This protein also plays a role in early embryonic development of the intestinal tract. Aberrant expression of this gene is associated with intestinal inflammation and tumorigenesis. [provided by RefSeq, Jan 2012]

Recommended Dilution

WB: 1:500 - 1:2000

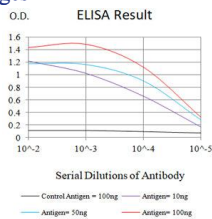
IHC-p: 1:200-1:1000

FCM: 1:200-1:400

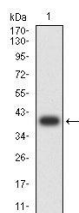
ELISA: 1:10000

Not yet tested in other applications.

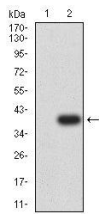
Images



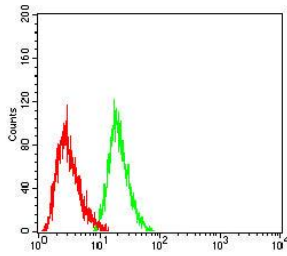
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



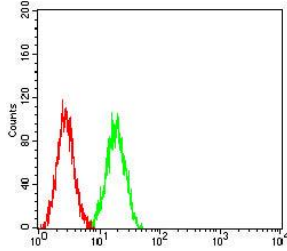
Western blot analysis using CDX2 mAb against human CDX2 (AA: 1-180) recombinant protein. (Expected MW is 40 kDa)



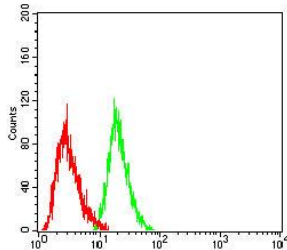
Western blot analysis using CDX2 mAb against HEK293-6e (1) and CDX2 (AA: 1-180)-hIgGFc transfected HEK293-6e (2) cell lysate.



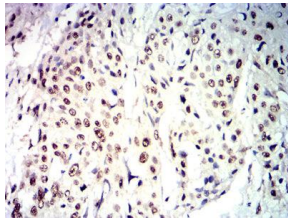
Flow cytometric analysis of THP-1 cells using CDX2 mouse mAb (green) and negative control (red).



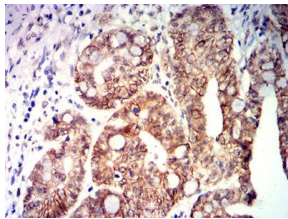
Flow cytometric analysis of SK-OV-3 cells using CDX2 mouse mAb (green) and negative control (red).



Flow cytometric analysis of Jurkat cells using CDX2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using CDX2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rectal cancer tissues using CDX2 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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