

CDX2 mouse mAb

Catalog No :	YM1347
Reactivity :	Human;Monkey
Applications :	WB;IP;ICC
Target :	CDX2
Fields :	>>Gastric cancer
Gene Name :	cdx2
Human Gene Id :	1045
Human Swiss Prot No :	Q99626
Mouse Swiss Prot No :	P43241
Immunogen :	Purified recombinant human CDX2 protein fragments expressed in E.coli.
Specificity :	This antibody detects endogenous levels of CDX2 and does not cross-react with related proteins.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	wb 1:1000 icc 1:100
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	34kD

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],

Function :

function:Involved in the transcriptional regulation of multiple genes expressed in the intestinal epithelium. Important in broad range of functions from early differentiation to maintenance of the intestinal epithelial lining of both the small and large intestine.,PTM:Phosphorylation of Ser-60 mediates the transactivation capacity.,similarity:Belongs to the Caudal homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,

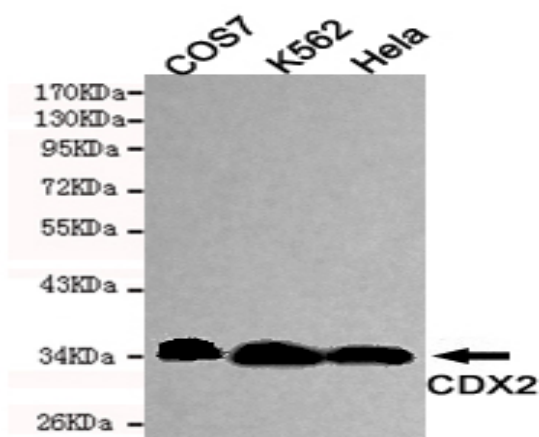
Subcellular Location :

Nucleus .

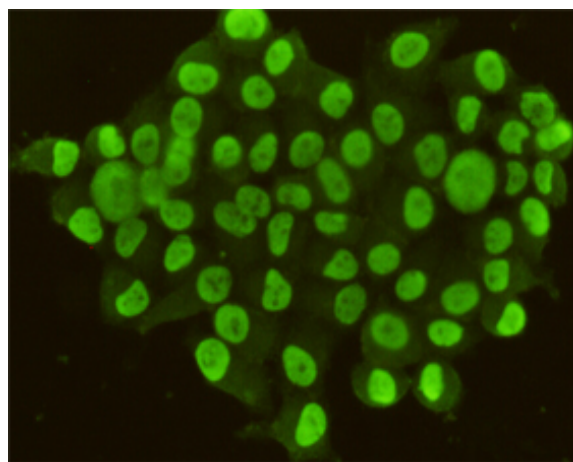
Expression :

Detected in small intestine, colon and pancreas.

Products Images



Western blot detection of CDX2 in HeLa, COS7 and K562 cell lysates using CDX2 mouse mAb (1:1000 diluted). Predicted band size: 34 kDa. Observed band size: 34 kDa.



Immunocytochemistry stain of HeLa using CDX2 mouse mAb (1:100).

Ctrl IgG IP: + -
CDX2 IP: - +

Immunoprecipitation analysis of Hela cell lysate using CDX2 mouse mAb.

