

CDX2 Mouse Monoclonal Antibody

Catalog No: #38012

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Description

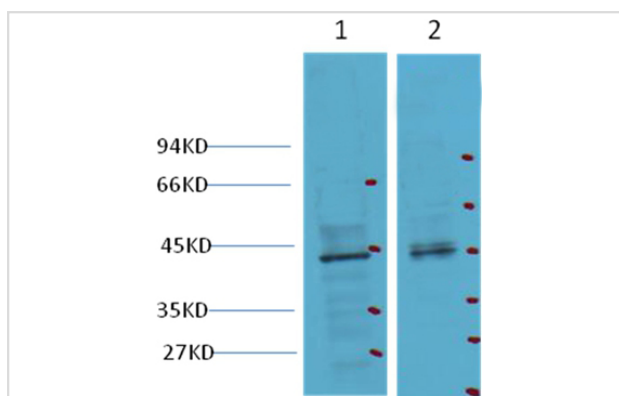
Product Name	CDX2 Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	14H6
Purification	Affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The CDX2 Mouse Monoclonal antibody detects endogenous CDX2 proteins.
Target Name	CDX2
Other Names	caudal type homeo box transcription factor 2; caudal type homeobox 2; caudal type homeobox transcription factor 2
Accession No.	Swiss-Prot#:Q99626
SDS-PAGE MW	42kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

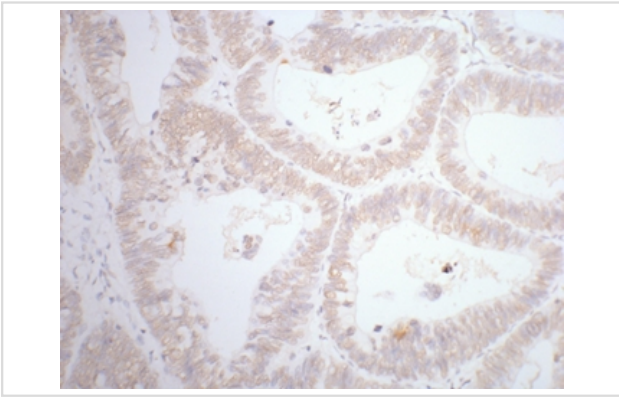
Western blotting: 1:1000~1:2000

Immunohistochemistry: 1:200

Images



Western blot analysis of 293T (lane 1) and Mouse Heart (lane 2) tissue, using #38012 diluted at 1:2,000.



IHC staining of human rectal cancer tissue with CDX2 mouse mAb(14H6) diluted at 1:200.

Background

CDX2 is a caudal type homeobox gene that encodes an intestine-specific transcription factor that is expressed early in intestinal development and may be involved in the regulation of proliferation and differentiation of intestinal epithelial cells. It is expressed in the nuclei of epithelial cells throughout the intestine, from duodenum to rectum. The CDX2 protein is expressed in primary and metastatic colorectal carcinomas and has also been demonstrated in the intestinal metaplasia of the stomach and intestinal-type gastric cancer, while it is not expressed in the normal gastric mucosa. Studies have shown that CDX2 is superior marker compared to CK20.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.