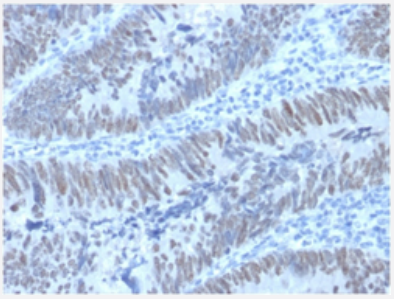
CDX2 monoclonal antibody, clone PCRP-CDX2-1A3

Catalog # MAB21135 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon carcinoma with CDX2 monoclonal antibody, clone PCRP-CDX2-1A3 (Cat # MAB21135).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human CDX2.
Immunogen	Recombinant protein corresponding to full length human CDX2.
Host	Mouse
Theoretical MW (kDa)	40
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) Immunoprecipitation (2-4 ug/mg protein lysate) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

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Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon carcinoma with CDX2 monoclonal antibody, clone PCRP-CDX2-1A3 (Cat # MAB21135).

- Immunoprecipitation

- Western Blot

Gene Info — CDX2

Entrez GeneID	1045
Protein Accession#	Q99626
Gene Name	CDX2
Gene Alias	CDX-3, CDX3
Gene Description	caudal type homeobox 2
Omim ID	600297
Gene Ontology	Hyperlink
Gene Summary	The level and beta-cell specificity of insulin gene expression are regulated by a set of nuclear prot eins that bind to specific sequences within the promoter of the insulin gene (INS; MIM 176730) an d interact with RNA polymerase to activate or repress transcription. The proteins LMX1 (MIM 600 298) and CDX3 are homeodomain proteins that bind an A/T-rich sequence in the insulin promoter and stimulate its transcription (German et al., 1994 [PubMed 7698771]).[supplied by OMIM
Other Designations	OTTHUMP00000018176|caudal type homeo box transcription factor 2|caudal type homeobox tra nscription factor 2

Disease

- Colorectal Neoplasms

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- Genetic Predisposition to Disease

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