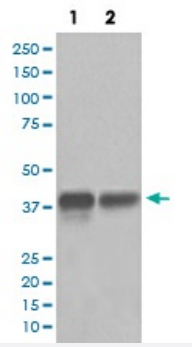
CDX2 monoclonal antibody, clone AFA-3

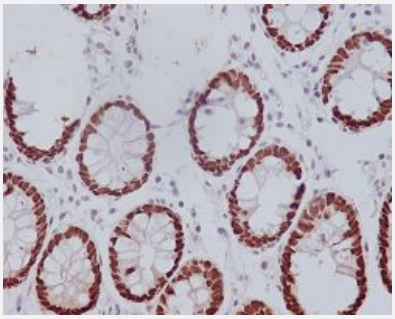
Catalog # MAB19885 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of (1) HEK293 cell lysate; (2) Colon cancer lysate with CDX2 monoclonal antibody.



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

Immunohistochemical staining of paraffin-embedded human colon with CDX2 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CDX2.
Immunogen	A synthetic peptide corresponding to human CDX2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG

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Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of (1) HEK293 cell lysate; (2) Colon cancer lysate with CDX2 monoclonal antibody.

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

  Immunohistochemical staining of paraffin-embedded human colon with CDX2 monoclonal antibody.

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

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

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Gene Ontology	Hyperlink
Gene Summary	The level and beta-cell specificity of insulin gene expression are regulated by a set of nuclear proteins that bind to specific sequences within the promoter of the insulin gene (INS; MIM 176730) and interact with RNA polymerase to activate or repress transcription. The proteins LMX1 (MIM 600298) 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 transcription factor 2

Disease

- Colorectal Neoplasms
- Genetic Predisposition to Disease

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