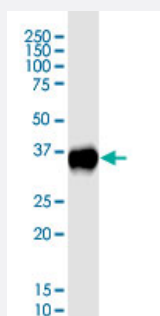


# CDX2 monoclonal antibody (M04), clone 7F6

Catalog # H00001045-M04

Size 100 ug

## Applications



### Western Blot (Cell lysate)

CDX2 monoclonal antibody (M04), clone 7F6. Western Blot analysis of CDX2 expression in COLO 320 HSR.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against human CDX2.
<b>Immunogen</b>	A synthetic peptide corresponding to human CDX2
<b>Sequence</b>	CQPGPLRSVPEPLSPVSSLQASVPGSVPGVLGPTGGVLNPTVTQ
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (88); Rat (88)
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

CDX2 monoclonal antibody (M04), clone 7F6. Western Blot analysis of CDX2 expression in COLO 320 HSR.

[Protocol Download](#)

- ELISA

## Gene Info — CDX2

Entrez GeneID [1045](#)

Protein Accession# [Q99626-1](#)

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 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](#)