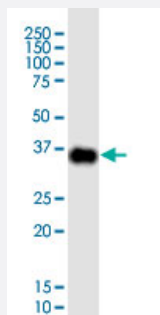


CDX2 monoclonal antibody (M03), clone 3A12

Catalog # H00001045-M03

Size 100 ug

Applications



Western Blot (Cell lysate)

CDX2 monoclonal antibody (M03), clone 3A12. Western Blot analysis of CDX2 expression in COLO 320 HSR.

Specification

| | |
|--------------------------------------|--|
| Product Description | Mouse monoclonal antibody raised against human CDX2. |
| Immunogen | A synthetic peptide corresponding to human CDX2 |
| Sequence | CQPGPLRSVPEPLSPVSSLQASVPGSVPGVLGPTGGVLNPTVTQ |
| Host | Mouse |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (88); Rat (88) |
| Isotype | IgG2a Kappa |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Applications

- Western Blot (Cell lysate)

CDX2 monoclonal antibody (M03), clone 3A12. 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](#)