



# Mouse Anti-Human CDX-2 monoclonal antibody, clone JID513 (CABT-L2958)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
<b>Specificity</b>	Human CDX-2
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	JID513
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC
<b>Reconstitution</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
<b>Positive Control</b>	Colon
<b>Format</b>	Liquid
<b>Size</b>	Predilute: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
<b>Buffer</b>	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

<b>Preservative</b>	< 0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C. Do not freeze.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	CDX-2 is a caudal-related homeobox transcription factor that is expressed by intestinal epithelial cells. CDX-2 is a useful marker for gastrointestinal carcinoma, and for determining the origin of gastrointestinal metastatic adenocarcinoma and carcinoids. Anti-CDX-2 is used for differentiating lung and metastatic colorectal adenocarcinoma, however mucinous ovarian carcinoma also react positively with Anti-CDX-2, thereby limiting the ability to differentiate from metastatic colorectal adenocarcinoma.
<b>Keywords</b>	CDX2;caudal type homeobox 2;CDX3;CDX-3;CDX2/AS;homeobox protein CDX-2;caudal-type homeobox protein 2;caudal type homeobox transcription factor 2;caudal type homeo box transcription factor 2;

## GENE INFORMATION

<b>Gene Name</b>	CDX2 caudal type homeobox 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CDX2
<b>Synonyms</b>	CDX2; caudal type homeobox 2; CDX3; CDX-3; CDX2/AS; homeobox protein CDX-2; caudal-type homeobox protein 2; caudal type homeobox transcription factor 2; caudal type homeo box transcription factor 2;
<b>Entrez Gene ID</b>	<a href="#">1045</a>
<b>Protein Refseq</b>	NP_001256
<b>UniProt ID</b>	<a href="#">Q99626</a>
<b>Chromosome Location</b>	13q12.3
<b>Pathway</b>	Incretin synthesis, secretion, and inactivation; Metabolism of proteins; Peptide hormone metabolism; Synthesis, secretion, and inactivation of Glucagon-like Peptide-1 (GLP-1);
<b>Function</b>	RNA polymerase II distal enhancer sequence-specific DNA binding; RNA polymerase II transcription regulatory region sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; double-stranded DNA binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity;