CDX2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CDX2, Monoclonal Antibody
Full Product Name	CDX2 (Homeobox Protein CDX-2, CDX-3, Caudal-type Homeobox Protein 2, CDX3) (MaxLight 750)
Product Gene Name	anti-CDX2 antibody
Clonality	Monoclonal
Isotype	IgG
Clone Number	1C7
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CDX2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	33,520 Da
Immunogen	Full length recombinant corresponding to aa1-313 from human CDX2 (AAH14461.1) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MYVSYLLDKDVSMYPSSVRHSGGLNLAPQNFVSPPQYPDYGGYHVAAAAAAAANLDSAQSPGPSWPAAYGAPLREDWNGYAPGGAAAAANAVAHGPI
Conjugate	MaxLight750
Product Categories/Family for anti-CDX2 antibody	Antibodies; Transcription Factors; Homeobox (HOX)
Applications Tested/Suitable for anti-CDX2 antibody	FLISA, Western Blot (WB)
Application Notes for anti-CDX2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CDX2 antibody	CDX2 is a caudal type homeobox gene that encodes an intestine-specific transcription factor that is expressed early in intestinal development and may the stomach and intestinal-type gastric cancer, while it is not expressed in the normal gastric mucosa. Studies have shown that CDX2 is superior marke
Other Notes	Small volumes of anti-CDX2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess

Searchable Terms for CDX2 purchase	MBS6232093 is an antibody targeting CDX2. Also known as CDX2 (Homeobox Protein CDX-2, CDX-3, Caudal-type Homeobox Protein 2, CDX3) (Max

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDX2. It may not necessarily be applicable to this product.

NCBI GI #	15680218
NCBI GeneID	1045
NCBI Accession #	BC014461
NCBI Related Accession #	AAH14461.1
UniProt Secondary Accession #	O00503; Q5VTU7; Q969L8; Q9UD92
UniProt Related Accession #	Q99626
NCBI Official Full Name	Homo sapiens caudal type homeobox 2, mRNA
NCBI Official Synonym Full Names	caudal type homeobox 2
NCBI Official Symbol	CDX2
NCBI Official Synonym Symbols	CDX3; CDX-3; CDX2/AS
Protein Family	Homeobox protein
NCBI Protein Information	homeobox protein CDX-2
NCBI Summary for CDX2	This gene is a member of the caudal-related homeobox transcription factor gene family. The encoded protein is a major regulator of intestine-specific genes involved in cell growth an differentiation. This protein also plays a role in early embryonic development of the intestinal tract. Aberrant expression of this gene is associated with intestinal inflammation and tumorigenesis. [provided by RefSeq, Jan 2012]
Research Articles on CDX2	**1.** Changes in CDX1/CDX2 mRNA expression in gastric mucosa following H. pylori eradication showed only insignificant results
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