

Datasheet for ABIN7543368

Recombinant anti-CDX2 antibody[Go to Product page](#)

Overview

Quantity:	200 µg
Target:	CDX2
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CDX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-CDX2 [12B6], Mouse IgG2b, kappa
Immunogen:	The original antibody was generated by immunizing a mouse with the CDX2-KLH protein.
Clone:	12B6
Isotype:	IgG2b kappa
Specificity:	The antibody recognises human CDX2. The CDX2 protein is a homeobox transcription factor expressed in the nuclei of intestinal epithelial cells, playing an essential role in the development and function of the digestive system.
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG2b
Purification:	Protein A affinity purified

Target Details

Target:	CDX2
Alternative Name:	CDX2 (CDX2 Products)
Background:	Homeobox protein CDX-2, CDX-3, Caudal-type homeobox protein 2, rabbit mono-ERP2764Y, TA347
UniProt:	Q99626
Pathways:	Peptide Hormone Metabolism, Stem Cell Maintenance

Application Details

Application Notes:	The antibody was used for immunohistochemistry on stomach adenocarcinoma, showing accurate staining location, clear staining, no non-specific staining, and clean background. Further, immunohistochemistry staining on stomach adenocarcinoma from 12B6 antibody and the commercial antibody, rabbit mono-ERP2764Y, were compared. Results showed the staining intensity of 12B6 antibody was significantly higher than those of ERP2764Y, showing 12B6 antibody is more sensitive. Moreover, the antibody and the commercial antibody TA347 were used for immunohistochemistry on appendix tissue. Results showed that the antibody (12B6) and the commercially available antibody (TA347) were simultaneously detected on the normal tissue chip, and the negative and positive detection results were consistent, indicating that the specificity of the antibody in normal tissue was equivalent to that of the commercially available antibody. The antibody detected human CDX2 by western blot analysis (CN113265000).
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.