

DATASHEET

CDX1 Mouse Monoclonal Antibody(C3791)

CAT. NO. AMA03403

KEY FEATURES

Target	CDX1	Source / Host	Mouse
Reactivity	Human, Mouse	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Plays a role in transcriptional regulation . Involved in activated KRAS-mediated transcriptional activation of PRKD1 in colorectal cancer (CRC) cells . Binds to the PRKD1 promoter in colorectal cancer (CRC) cells . Could play a role in the terminal differentiation of the intestine. Binds preferentially to methylated DNA .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

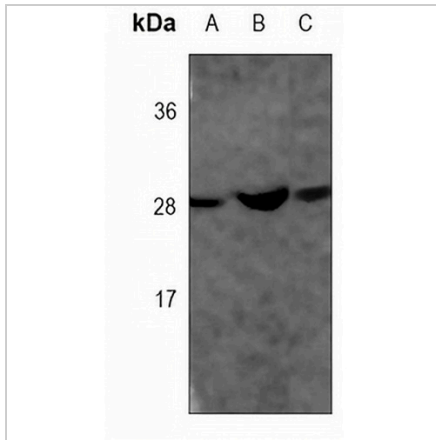
Description	Mouse monoclonal antibody to CDX1
Specificity	Recognizes endogenous levels of CDX1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CDX1. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 28 kD; Observed: 28 kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Homeobox protein CDX-1; Caudal-type homeobox protein 1
Gene Symbol	CDX1
Entrez Gene	1044(Human); 12590(Mouse)
SwissProt	P47902(Human); P18111(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of CDX1 expression in mouse liver (A), mouse testis (B), WiDr (C) whole cell lysates. (Predicted band size: 28 kD; Observed band size: 28 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.