

Datasheet for ABIN6939060

Recombinant anti-CDX2 antibody (AA 150-249)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µg
Target:	CDX2
Binding Specificity:	AA 150-249
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CDX2 antibody is un-conjugated
Application:	ELISA, Coating (Coat), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment (around aa150-249) of human CDX2 protein (exact sequence is proprietary)
Clone:	CDX2-2951R
Isotype:	IgG
Specificity:	The intestine-specific transcription factors CDX1 and CDX2 are important for directing intestinal development, differentiation, proliferation and maintenance of the intestinal phenotype. CDX2 protein expression has been seen in GI carcinomas. Anti-CDX2 has been useful to establish GI origin of metastatic adenocarcinomas and carcinoids and is especially useful to distinguish metastatic colorectal adenocarcinoma from lung adenocarcinoma. However, mucinous carcinomas of the ovary also express CDX2 protein. It limits the usefulness of this marker in the

Product Details

distinction of metastatic colorectal adenocarcinoma from mucinous carcinoma of the ovary.

Cross-Reactivity (Details): Human,

Purification: 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G.

Target Details

Target: CDX2

Alternative Name: CDX2 ([CDX2 Products](#))

Background: Caudal type homeobox 2, Caudal type homeobox transcription factor 2, Caudal-type homeobox protein 2, CDX2,CDX2 / Caudal Type Homeobox 2 (GI Epithelial Marker)

Cellular localisation: Nuclear

Molecular Weight: 40kDa

Gene ID: 1045, 174249

UniProt: [Q99626](#)

Pathways: [Peptide Hormone Metabolism](#), [Stem Cell Maintenance](#)

Application Details

Application Notes: Positive Control: HT29 cells. Colon Carcinoma.
Known Application: ELISA (Use Ab at 2-4 µg/mL for coating) (Order Ab without BSA),
Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Prepared in 10 mM PBS with 0.05 % BSA and 0.05 % azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

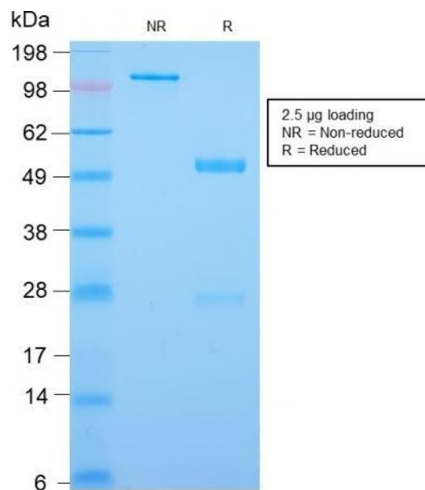
Handling

Storage: 4 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8 °C. Antibody is stable for 24 months. Non-hazardous. Also available WITHOUT BSA & azide at 1.0mg/ml.

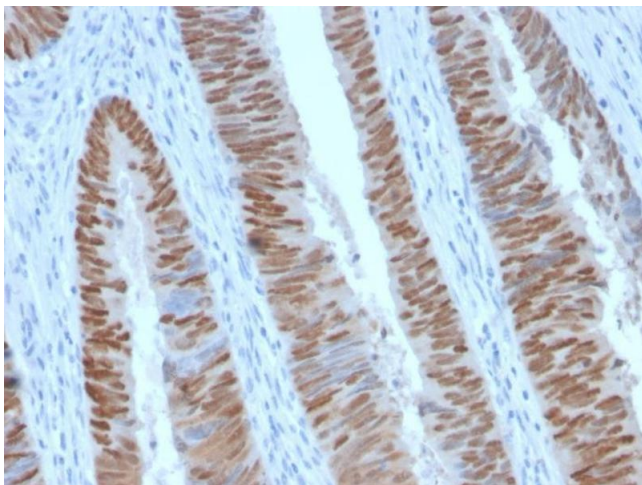
Expiry Date: 24 months

Images



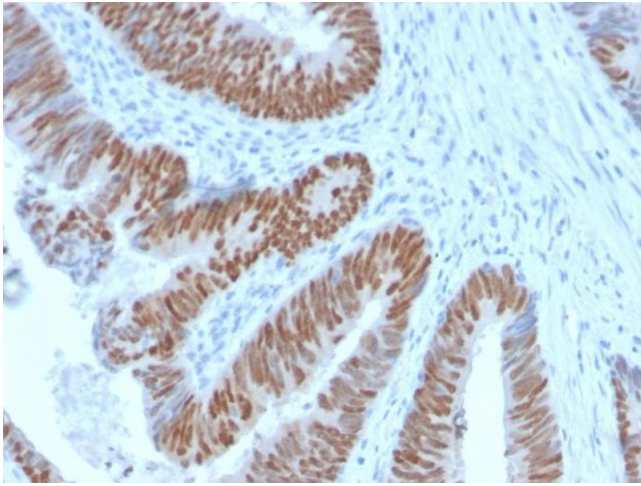
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified CDX2 Rabbit Recombinant Monoclonal Antibody (CDX2/2951R). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CDX2 Rabbit Recombinant Monoclonal Antibody (CDX2/2951R).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CDX2 Rabbit Recombinant Monoclonal Antibody (CDX2/2951R).