Datasheet for ABIN4949546

anti-CDX2 antibody (AA 150-249)

2 Images

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Overview

Quantity:	100 µg
Target:	CDX2
Binding Specificity:	AA 150-249
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDX2 antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	Amino acids 150-249 from the human protein were used as the immunogen for this CDX2 antibody.
Clone:	CDX2-1690
Isotype:	IgG2a kappa
Purification:	Protein G affinity chromatography

Target Details

Target:	CDX2
Alternative Name:	CDX2 (CDX2 Products)

Target Details

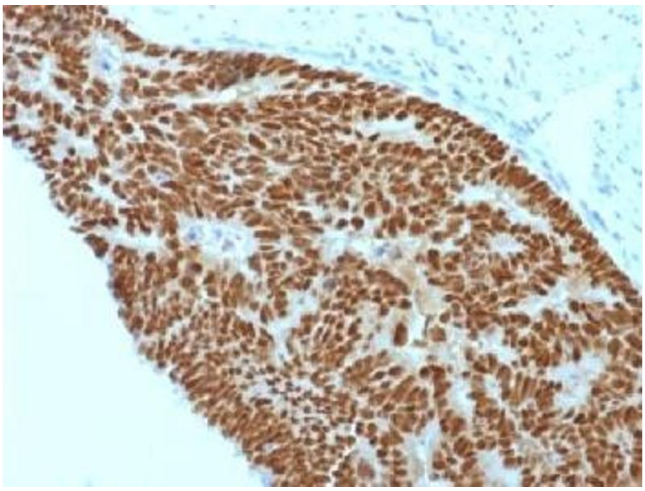
Background:	The intestine-specific transcription factors CDX1 and CDX2 are important for directing intestinal development, differentiation, proliferation and maintenance of the intestinal phenotype. CDX2 protein expression has been seen in GI carcinomas. Anti-CDX2 has been useful to establish GI origin 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 distinction of metastatic colorectal adenocarcinoma from mucinous carcinoma of the ovary.
Pathways:	Peptide Hormone Metabolism, Stem Cell Maintenance

Application Details

Application Notes:	The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the CDX2 antibody to be titered up or down for optimal performance.\. FACS: 0.5-1 µg/million cells in 0.1ml,IF: 1-2 µg/mL,IHC (FFPE): 0.5-1 µg/mL for 30 min at RT
Restrictions:	For Research Use only

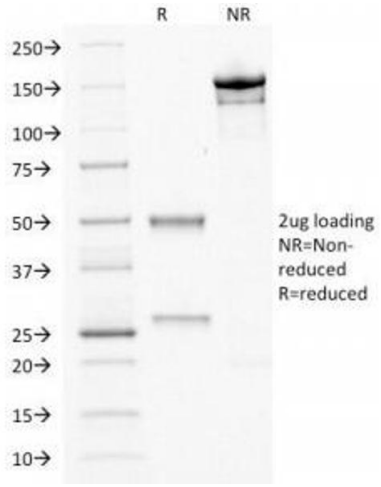
Handling

Concentration:	1 mg/mL
Buffer:	1 mg/mL in 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store the CDX2 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).



Immunohistochemistry

Image 1. IHC testing of FFPE human colon carcinoma with CDX2 antibody (clone CDX2/1690). Required HIER: boil sections in 10mM citrate buffer, pH6, for 10-20 min.



SDS-PAGE

Image 2. SDS-PAGE Analysis of Purified, BSA-Free CDX2 Antibody (clone CDX2/1690). Confirmation of Integrity and Purity of the Antibody.