Datasheet for ABIN7650750

anti-CDX2 antibody (CF®594)

Go to Product page

Overview

Quantity:	100 µL
Target:	CDX2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDX2 antibody is conjugated to CF®594
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	CDX2 / Caudal Type Homeobox 2 (GI Epithelial Marker) (PCRP-CDX2-1A3), CF594 conjugate
Immunogen:	Recombinant full-length human CDX2protein
Clone:	PCRP-CDX2-1A3
Isotype:	IgG1
Characteristics:	The specificity of this monoclonal antibody to its intended target was validated by HuProt™Array, containing more than 19,000, full-length human proteins.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

Product Details

	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.Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	CDX2
Alternative Name:	CDX2
Background:	Synonyms: Caudal type homeobox 2, Caudal type homeobox transcription factor 2, Caudal-type homeobox protein 2,CDX2 Gene Symbol: CDX2 Tissue Expression: Intestine
Molecular Weight:	40 kDa
Gene ID:	1045
UniProt:	Q99626
Pathways:	Peptide Hormone Metabolism, Stem Cell Maintenance

Application Details

Application Notes:	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody. Immunohistology (formalin): 0.5-1 µg/mL for 30 minutes at RT. Immunoprecipitation 2-4 µg/mg protein. Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes. Western blotting 0.5-1.0 µg/mL. Optimal dilution for a specific application should be determined by user
Comment:	Positive Control: HT29 cells or Colon Carcinoma
Restrictions:	For Research Use only

Handling

Format:	Liquid

Handling

Concentration:	0.1 mg/mL
Buffer:	PBS, 0.1 % BSA, 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 Advice:	Protect from light
Storage:	4 °C
Storage Comment:	Stable at room temperature or 37°C for 7 days. Protect from light Store at 2 to 8°C. Protect fluorescent conjugates from light
Expiry Date:	24 months