Datasheet for ABIN6182872

anti-CDX2 antibody (AA 150-249) (CF®594)

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Overview

Quantity:	100 µL
Target:	CDX2
Binding Specificity:	AA 150-249
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDX2 antibody is conjugated to CF®594
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Coating (Coat)

Product Details

Purpose:	Mouse Monoclonal anti-CDX2 (CDX2/1690), CF594 Conjugate
Immunogen:	Recombinant human CDX2 protein fragment (aa150-249) (exact sequence is proprietary)
Clone:	CDX2-1690
Isotype:	IgG2a kappa
Characteristics:	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.

Product Details

	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 (CDX2 Products)
Background:	Caudal type homeobox 2, Caudal type homeobox transcription factor 2, Caudal-type homeobox protein 2, CDX2
Molecular Weight:	40 kDa
Gene ID:	1045, 174249
UniProt:	Q99626
Pathways:	Peptide Hormone Metabolism, Stem Cell Maintenance

Application Details

Application Notes:	ELISA 2-4 µg/mL for coating (order Ab without BSA) • Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min • Flow Cytometry 0.5-1 µg/million cells/0.1 mL • Immunofluorescence 1-2 µg/mL • Optimal dilution for a specific application should be determined by user
Comment:	HT29 cells or Colon Carcinoma
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	100 µg/mL
Buffer:	PBS/0.1 % BSA/0.05 % azide
Preservative:	Sodium azide

Handling

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