

## 36-2035: Anti-CDX2 (GI Epithelial Marker) Monoclonal Antibody (Clone: CDX2/2951R)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	CDX2/2951R
<b>Application :</b>	ELISA,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	CDX2
<b>Gene ID :</b>	1045
<b>Uniprot ID :</b>	Q99626
<b>Alternative Name :</b>	Caudal type homeobox 2; Caudal type homeobox transcription factor 2; Caudal-type homeobox protein 2; CDX2
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Recombinant fragment (around aa150-249) of human CDX2 protein (exact sequence is proprietary)

### Description

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 Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months.

### Application Note

ELISA (Use Ab at 2-4ug/ml for coating) (Order Ab without BSA); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes)

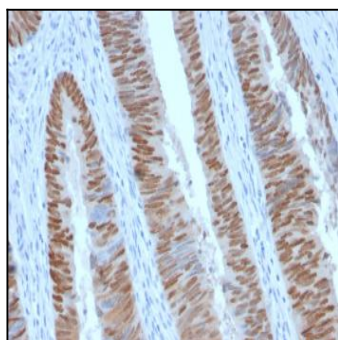


Fig.1: Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CDX2 Rabbit Recombinant Monoclonal Antibody (CDX2/2951R).

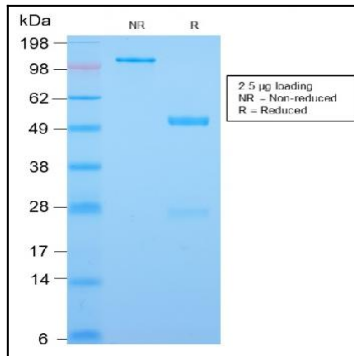


Fig. 2: SDS-PAGE Analysis Purified CDX2 Rabbit Recombinant Monoclonal Antibody (CDX2/2951R). Confirmation of Purity and Integrity of Antibody.

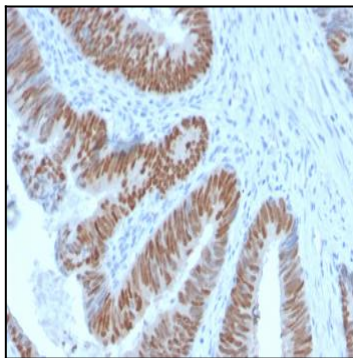


Fig. 3: Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CDX2 Rabbit Recombinant Monoclonal Antibody (CDX2/2951R).