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

Clonality: Monoclonal Clone Name: CDX2/2951R Application: ELISA.IHC Reactivity: Human Gene: CDX2 Gene ID: 1045 **Uniprot ID:** 099626

Caudal type homeobox 2; Caudal type homeobox transcription factor 2; Caudal-type **Alternative Name:**

homeobox protein 2; CDX2

Isotype: Rabbit IgG

Recombinant fragment (around aa150-249) of human CDX2 protein (exact sequence is Immunogen Information:

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 carcinoidsand 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

Amount: 20 μg / 100 μg

200µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with Content:

0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody Storage condition:

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°C followed by cooling at RT for 20 minutes)

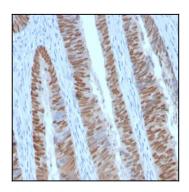


Fig.1: Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CDX2 Rabbit Recombinant Monoclonal Antibody (CDX2/2951R).



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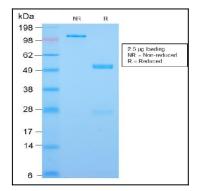


Fig. 2: SDS-PAGE Analysis Purified CDX2 Rabbit Recombinant Monoclonal Antibody (CDX2/2951R). Confirmation of Purity and Integrity of Antibody.

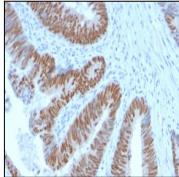


Fig. 3: Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CDX2 Rabbit Recombinant Monoclonal Antibody (CDX2/2951R).