

CDX-2 (AB1517) mouse mAb

V0040

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- kDa (calculated)
- kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1517

Immunogen A synthetic peptide corresponding to the amino acid region 150 - 265 of the human CDX - 2 protein.

Specificity The antibody can specifically recognize human CDX-2 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name CDX1
CDX2 CDX3

Protein Name CDX-2

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P47902; Q99626; O14627;	1045

Background

CDX-2 is an intestine-specific transcription factor highly expressed in colorectal cancer and gastrointestinal adenocarcinomas. It is commonly used for diagnosing tumors of gastrointestinal origin and tracing metastatic cancers. Additionally, it is associated with intestinal metaplasia and precancerous lesions, playing a crucial role in pathological diagnosis.