

## CDX2 Mouse Monoclonal Antibody(14H6)

Catalog TDY079C TDY079F

Tel: 010-82908854

Free: 400-0620-621

Quantity 50μL 100μL

Web: www.tdybio.com

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H, M, R	~42KD	IgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

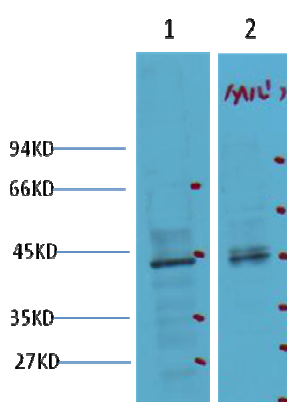
Store at **-20°C**. **Do not aliquot the antibody.**

**Recommended dilutions:** WB: 1:1000 IHC: 1:200

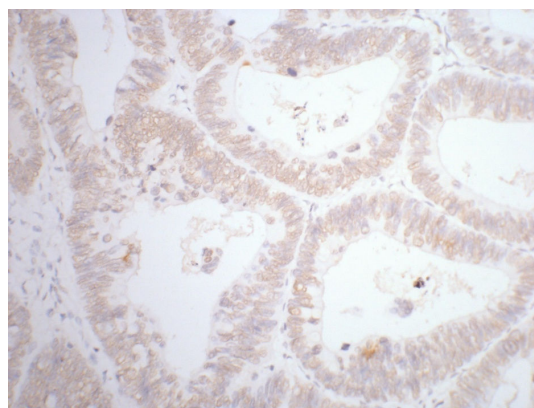
**Optimal dilutions should be determined by the end user.**

**Specificity:** The CDX2 Mouse Monoclonal antibody detects endogenous CDX2 proteins.

**Background:** CDX2 is a caudal type homeobox gene that encodes an intestine-specific transcription factor that is expressed early in intestinal development and may be involved in the regulation of proliferation and differentiation of intestinal epithelial cells. It is expressed in the nuclei of epithelial cells throughout the intestine, from duodenum to rectum. The CDX2 protein is expressed in primary and metastatic colorectal carcinomas and has also been demonstrated in the intestinal metaplasia of the stomach and intestinal-type gastric cancer, while it is not expressed in the normal gastric mucosa. Studies have shown that CDX2 is superior marker compared to CK20.



Western blot analysis of 1) 293T, 2) Mouse Heart tissue with CDX2 mAb diluted at 1:2,000.



IHC staining of human rectal cancer tissue with CDX2 mouse mAb(14H6) diluted at 1:200.