



CDX2 Mouse Monoclonal Antibody

E12-080

Catalog Number: E12-080**Amount:** 100µg/100µl**Clone Number:** 14H6

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.

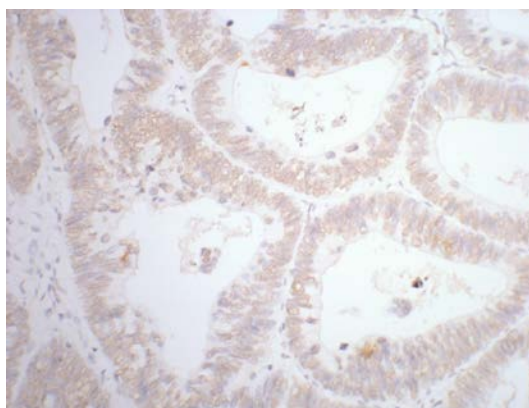
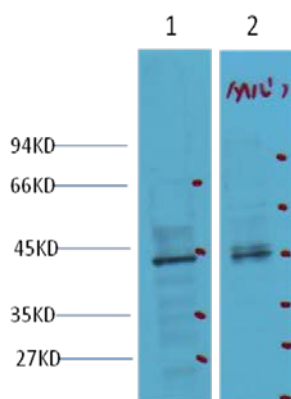
Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Specificity/Sensitivity: The CDX2 Mouse Monoclonal antibody detects endogenous CDX2 proteins (~42KD).

Reactivity: Human, Mouse, Rat

Applications: WB: 1:1000-2000 IHC: 1:200



Western blot analysis of 293T (lane 1) and Mouse Heart (lane 2) 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.

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