

|                          |  |
|--------------------------|--|
| <b>Cat. No:</b>          | MAB-94764  |
| <b>Conjugate:</b>        | Unconjugated   |
| <b>Size:</b>             | 100 ug   |
| <b>Clone:</b>            | C-11   |
| <b>Concentration:</b>    | 1mg/ml   |
| <b>Host:</b>             | Mouse  |
| <b>Isotype:</b>          | IgG1   |
| <b>Immunogen:</b>        | Synthetic Peptide  |
| <b>Reactivity:</b>       | Human; Mouse, Rat  |
| <b>Applications:</b>     | WesternBlot:1/1000 Immunohistochemistry:1/200  |
| <b>Molecular Weight:</b> | 42kDa  |
| <b>Synonyms:</b>         | Caudal Type Homeobox Transcription Factor 2 ;CDX3; Homeobox Protein CDX-2  |
| <b>Background:</b>       | 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. |
| <b>Form:</b>             | Liquid   |
| <b>Buffer:</b>           | PBS with 0.02% sodium azide and 50% glycerol pH 7.4.   |
| <b>Storage:</b>          | Store at -20°C. Avoid repeated freeze-thaw cycles.   |

**For Research use only  
IMMUNOLOGICAL SCIENCES**