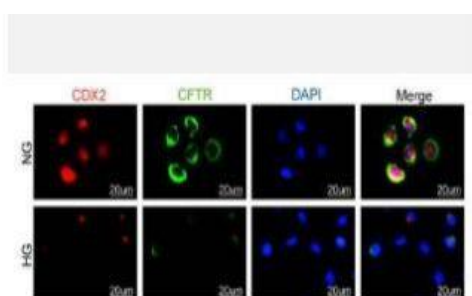


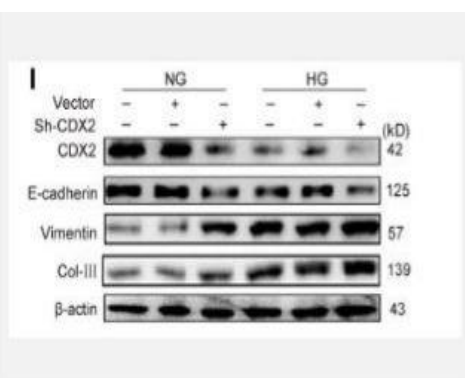
## CDX2 Monoclonal Antibody(14H6)

|                              |  |
|------------------------------|--|
| <b>Catalog No.</b>           | IMB0090  |
| <b>Reactivity</b>            | Human;Mouse;Rat  |
| <b>Applications</b>          | WB; IF/ICC; IHC-p  |
| <b>Gene Name</b>             | CDX2   |
| <b>Protein Name</b>          | Homeobox protein CDX-2   |
| <b>Human Gene Id</b>         | 1045   |
| <b>Swiss-Prot</b>            | Q99626   |
| <b>Formulation</b>           | PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.  |
| <b>Source</b>                | Monoclonal, Mouse  |
| <b>Dilution</b>              | WB: 1:1000 IHC: 1:200 IF: 1:200  |
| <b>Purification</b>          | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.   |
| <b>Concentration</b>         | -  |
| <b>Storage&amp;Stability</b> | -20°C/1 year   |
| <b>Background</b>            | This gene is a member of the caudal-related homeobox transcription factor gene family. The encoded protein is a major regulator of intestine-specific genes involved in cell growth and differentiation. This protein also plays a role in early embryonic development of the intestinal tract. Aberrant expression of this gene is associated with intestinal inflammation and tumorigenesis. [provided by RefSeq, Jan 2012], |
| <b>Subcellular Location.</b> | Nucleus.   |
| <b>BiowMW</b>                | 33510  |

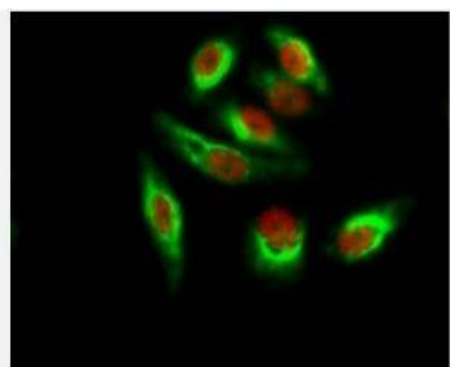
### Products Images:



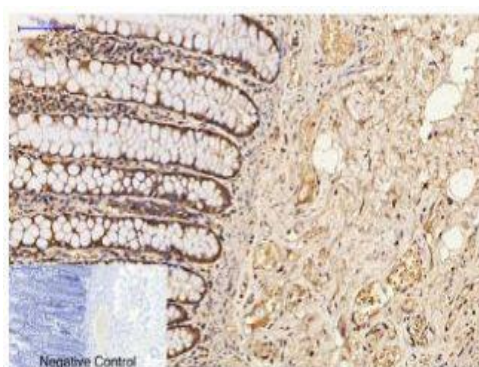
Liu, Huiming, et al. "The role of CDX2 in renal tubular lesions during diabetic kidney disease." *Aging (Albany NY)* 13.5 (2021): 6782.



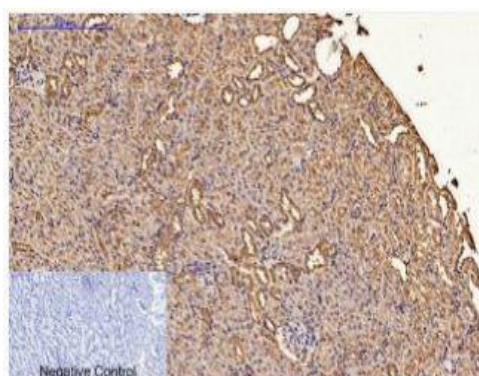
Liu, Huiming, et al. "The role of CDX2 in renal tubular lesions during diabetic kidney disease." *Aging (Albany NY)* 13.5 (2021): 6782.



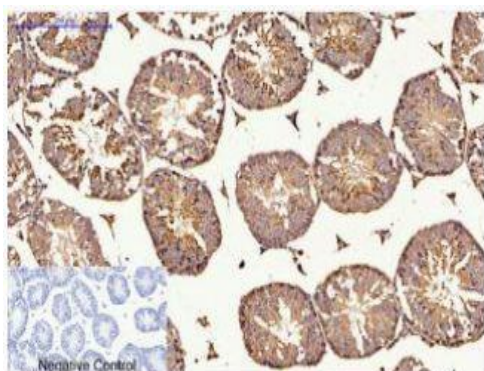
Immunofluorescence analysis of Hela cell. 1, Amyloid- $\beta$  Polyclonal Antibody (green) was diluted at 1:200 (4° overnight). (red) was diluted at 1:200 (4° overnight). 2, Goat Anti Rabbit Alexa Fluor 488 Catalog: RS3211 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 594 Catalog: RS3608 was diluted at 1:1000 (room temperature, 50min).



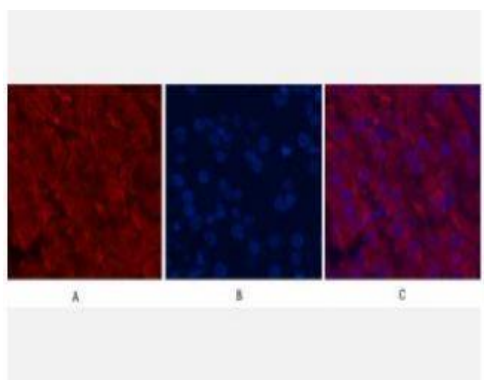
Immunohistochemical analysis of paraffin-embedded Human-colon tissue. 1, CDX2 Monoclonal Antibody (14H6) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



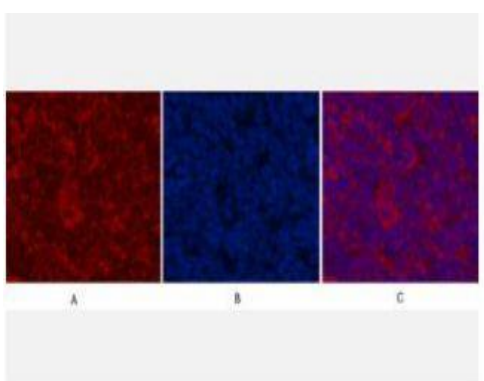
Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1, CDX2 Monoclonal Antibody (14H6) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



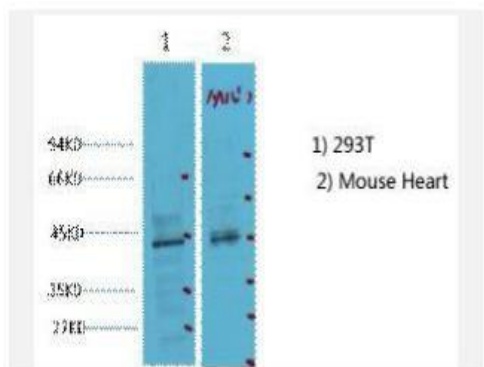
Immunohistochemical analysis of paraffin-embedded Mouse-testis tissue. 1,CDX2 Monoclonal Antibody(14H6) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



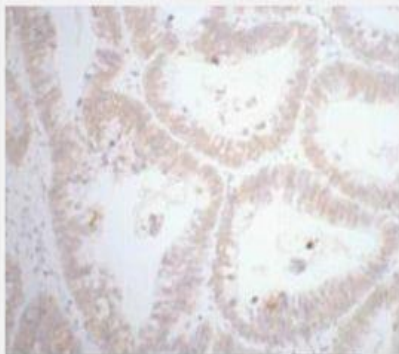
Immunofluorescence analysis of Mouse-kidney tissue. 1,CDX2 Monoclonal Antibody(14H6)(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunofluorescence analysis of Rat-spleen tissue. 1,CDX2 Monoclonal Antibody(14H6)(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Western blot analysis of 1) 293T, 2) Mouse Heart tissue, diluted at 1:2000. cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



IHC staining of human rectal cancer tissue, diluted at 1:200.