



FOXA2 Mouse Monoclonal Antibody

E10-20375

Background: FOXA2 (forkhead box A2), also known as HNF3B (hepatocyte nuclear factor 3, beta). It is a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific genes such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. FOXA2 has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for FOXA2.

Catalog Number: E10-20375

Amount: 100µg/100µl

Clone Number: 7H4B7

Species: Mouse IgG1

MW: 48kDa

Aliases: HNF3B; TCF3B; MGC19807

Entrez Gene: 3170

Immunogen: Purified recombinant fragment of FOXA2 expressed in E. Coli.

Storage: Store at 4 °C for long term storage, store at -20 °C for short term storage.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IHC, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB. 1/500 - 1/2000. IHC. 1/200 - 1/1000. ELISA. Propose dilution 1/10000.

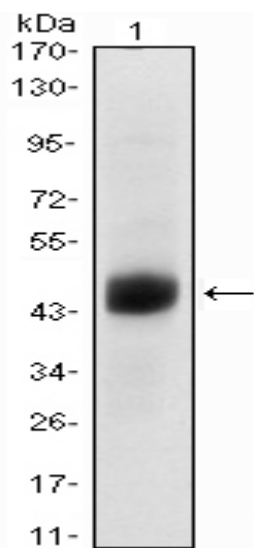


Figure 1. Western blot analysis using FOXA2 mouse mAb against A549 (1) cell lysate.

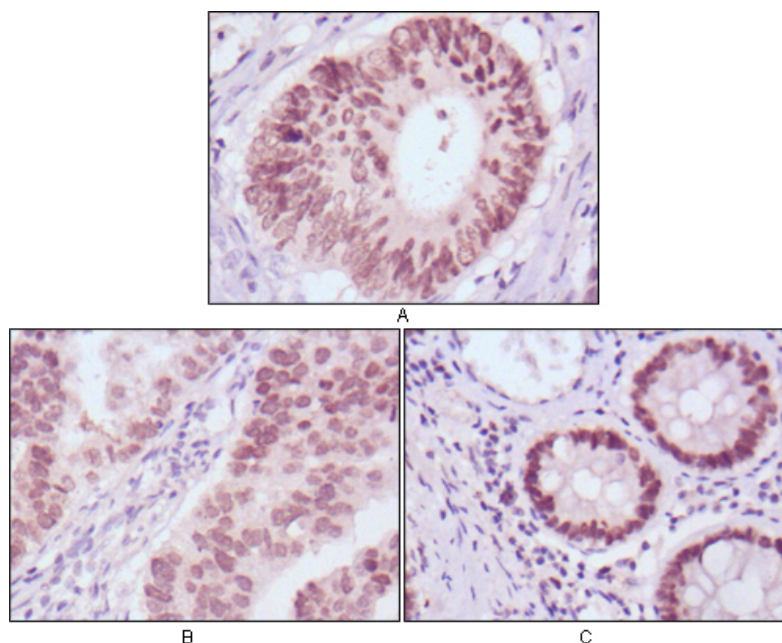


Figure 2. Immunohistochemical analysis of paraffin-embedded human colon cancer (A), gastric cancer (B) and rectal cancer (C) tissues using FOXA2 mouse mAb with DAB staining.

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