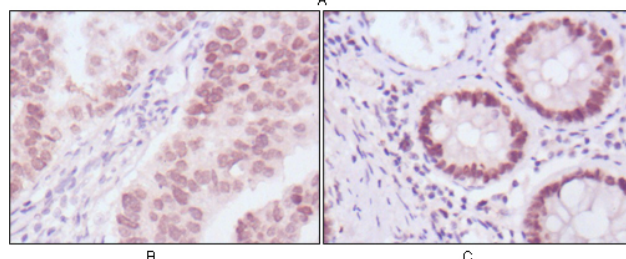
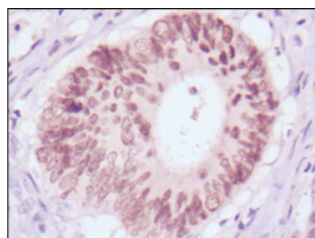
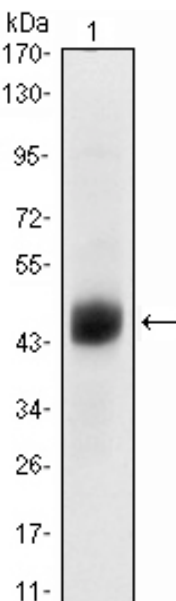




Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to FOXA2

Catalog Number: MAB-606020375



Lot#:
Clone#: 7H4B7
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 48kDa
Aliases: HNF3B; TCF3B;
MGC19807
Entrez Gene: 3170
Species reactivity: Human

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.

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

Description 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.

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

Application Western Blotting: 1/500 - 1/2000.
Immunohistochemistry: 1/200 - 1/1000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

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

Related product

References 1. Hepatology. 2008 Aug;48(2):597-606.
2. Cancer Res. 2004 Jun 15;64(12):4137-47.

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