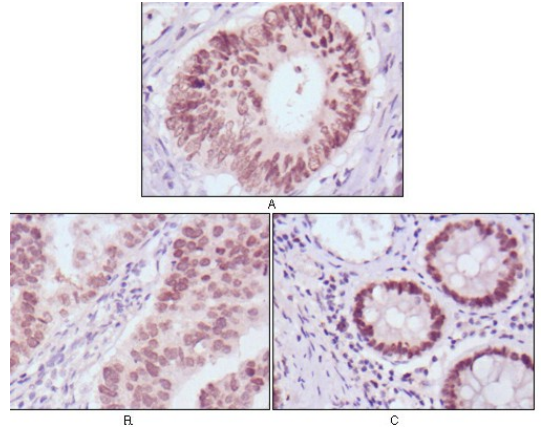


AM06359SU-N**Monoclonal Antibody to FOXA2 / HNF3B - Ascites**

Alternate names:	HNF-3-beta, HNF-3B, Hepatocyte nuclear factor 3-beta, TCF3B, Transcription factor 3B
Quantity:	0.1 ml
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.
Uniprot ID:	Q9Y261
NCBI:	NP_068556.2
GeneID:	3170
Host / Isotype:	Mouse / IgG1
Clone:	7H4B7
Immunogen:	Purified recombinant fragment of FOXA2 expressed in E. Coli.
Format:	State: Ascitic fluid containing 0.03% sodium azide.
Applications:	Western Blot: 1/500 - 1/2000. Immunohistochemistry on paraffin sections: 1/200 - 1/1000. ELISA: 1/10000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	48 kDa
Specificity:	This antibody reacts to FOXA2.
Species Reactivity:	Tested: Human.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Hepatology. 2008 Aug;48(2):597-606. 2. Cancer Res. 2004 Jun 15;64(12):4137-47.

Pictures:

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



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

