

Product Name: FOXA2 Mouse Monoclonal Antibody**Catalog #: AMM80764**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	48kDa

Antigen Information

Gene Name	FOXA2
Alternative Names	HNF3B; TCF3B; MGC19807
Gene ID	3170.0
SwissProt ID	Q9Y261
Immunogen	Purified recombinant fragment of FOXA2 expressed in E. Coli.

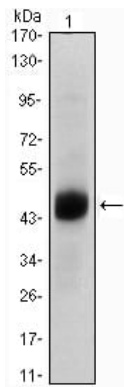
Background

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

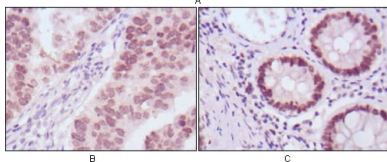
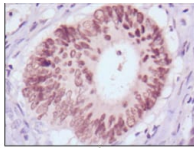
metabolism and in the differentiation of the pancreas and liver. FOXA2 has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for FOXA2.

Research Area

Image Data



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



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