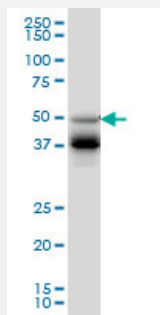


FOXA2 monoclonal antibody (M09), clone 4C5

Catalog # H00003170-M09

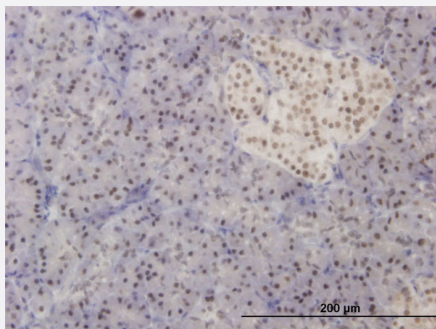
Size 100 ug

Applications



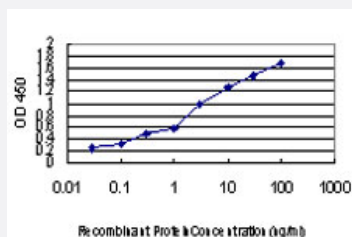
Western Blot (Cell lysate)

FOXA2 monoclonal antibody (M09), clone 4C5 Western Blot analysis of FOXA2 expression in HepG2 (Cat # L019V1).



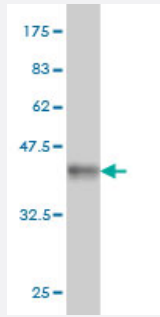
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to FOXA2 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 0.3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXA2 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.19 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant FOXA2.
Immunogen	FOXA2 (NP_068556, 363 a.a. ~ 457 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	HLKPEHHYAFNHPFSINNLMSSSEQQHHSHHHHQPHKMDLKAYEQVMHYPGYGSPMPGSLAMG PVTNKTGLDASPLAADTSYYQGVYSRPIMNSS
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.19 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)
 FOXA2 monoclonal antibody (M09), clone 4C5 Western Blot analysis of FOXA2 expression in HepG2 (Cat # L019V1).
[Protocol Download](#)
- Western Blot (Recombinant protein)
[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to FOXA2 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 0.3 ug/ml]

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Detection limit for recombinant GST tagged FOXA2 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FOXA2

Entrez GeneID [3170](#)

GeneBank Accession# [NM_021784](#)

Protein Accession# [NP_068556](#)

Gene Name FOXA2

Gene Alias HNF3B, MGC19807, TCF3B

Gene Description forkhead box A2

Omim ID [600288](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes 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. This gene has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000030409|OTTHUMP00000030410|hepatic nuclear factor-3-beta|hepatocyte nuclear factor 3, beta

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)