

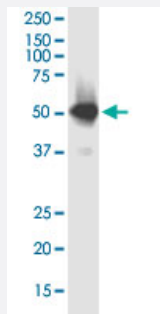
CX Grade

FOXA1 monoclonal antibody (M02J), clone 1B1

Catalog # H00003169-M02J

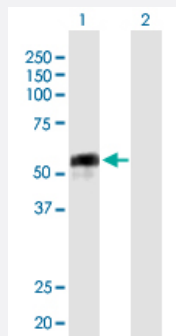
Size 100 ug

Applications



Western Blot (Cell lysate)

FOXA1 monoclonal antibody (M02J), clone 1B1. Western Blot analysis of FOXA1 expression in HepG2.

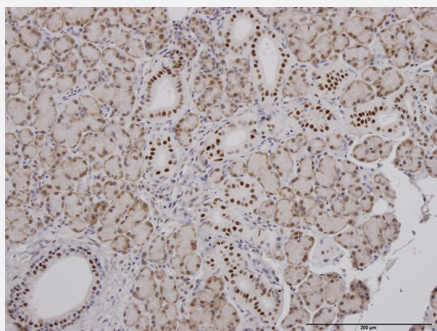


Western Blot (Transfected lysate)

Western Blot analysis of FOXA1 expression in transfected 293T cell line by FOXA1 monoclonal antibody (M02J), clone 1B1.

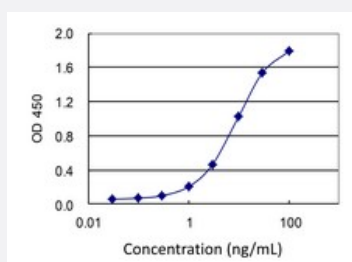
Lane 1: FOXA1 transfected lysate (Predicted MW: 49.1 KDa).

Lane 2: Non-transfected lysate.



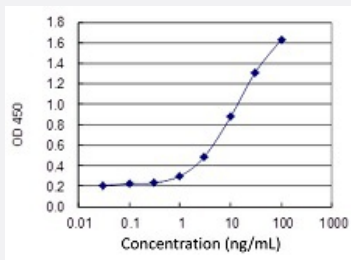
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to FOXA1 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXA1 is 0.1 ng/ml as a capture antibody.



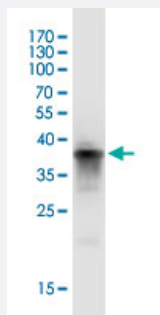
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXA1 is 0.3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to FOXA1 on HepG2 cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.4 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant FOXA1.
This product is belong to Cell Culture Grade Antibody (CX Grade).

Immunogen

FOXA1 (NP_004487, 367 a.a. ~ 472 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

LASVPASHPAHGLAPHESQLHLKGDPHYSFNHPFSINNLMSSSEQQHKLDFKAYEQALQYSPYG
STLPASLPLGSASVTTRSPIEPSALEPAYQGVYSRPVLNTS

Host

Mouse

Reactivity

Human

Preparation Method

Cell Culture Production

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.4 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

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- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to FOXA1 on HepG2 cell . [antibody concentration 10 ug/ml]

Gene Info — FOXA1

Entrez GeneID [3169](#)

GeneBank Accession# [NM_004496](#)

Protein Accession# [NP_004487](#)

Gene Name FOXA1

Gene Alias HNF3A, MGC33105, TCF3A

Gene Description forkhead box A1

Omim ID [602294](#)

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 transcripts 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. [provided by RefSeq]

Other Designations hepatocyte nuclear factor 3, alpha

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)