

Mouse FOXA2 Monoclonal Antibody | anti-FOXA2 antibody

FOXA2 antibody

CATALOG # AAA106254	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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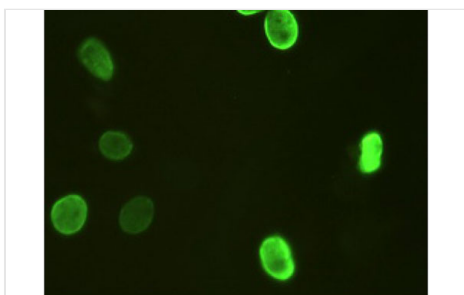
PRODUCT SYNONYMS

FOXA2; Monoclonal Antibody; FOXA2 antibody; Monoclonal FOXA2; Anti-FOXA2; Forkhead box A2; HNF3B; Hepatocyte nuclear factor 3; Forkhead box protein A2; Transcription factor 3B; Hepatocyte nuclear factor 3-beta; FOXA 2; FOXA-2; anti-FOXA2 antibody

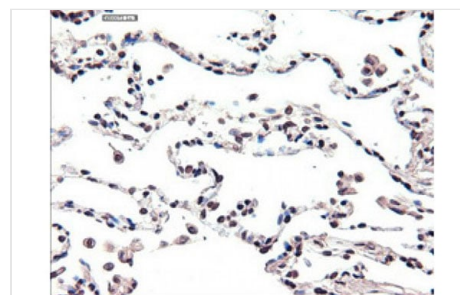
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3C10
Purity/Purification	FOXA2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	463
Applicable Applications for anti-FOXA2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	FOXA2 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.
Cross-Reactivity	Human
Immunogen	FOXA2 antibody was raised in mouse using a recombinant protein expressed in E Coli corresponding to amino acids 300-458 of human FOXA2 as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

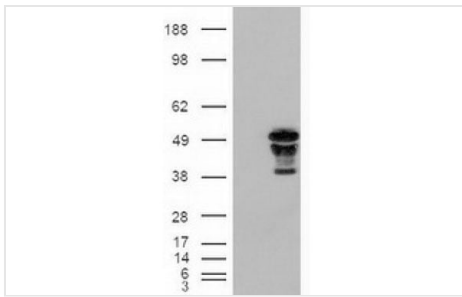
IMAGES


IF (Immunofluorescence)

Immunofluorescent staining of HeLa cells transiently transfected with recombinant FOXA2 protein using FOXA2 antibody


IHC (Immunohistochemistry)

Immunohistochemical analysis of FOXA2 protein in paraffin embedded Human lung tissue using FOXA2 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant FOXA2 protein (Right) or empty vector (Left) detected with FOXA2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-FOXA2 antibody	Mouse monoclonal FOXA2 antibody
Product Categories/Family for anti-FOXA2 antibody	Differentiation & Development

NCBI AND UNIPROT INFORMATION

NCBI GI #	7688215
UniProt Accession #	Q9Y261; Q8WUW4; Q96DF7
Molecular Weight	48,907 Da
UniProt Protein Name	Hepatocyte nuclear factor 3-beta
UniProt Gene Name	FOXA2
UniProt Synonym Gene Names	HNF3B; TCF3B; HNF-3-beta; HNF-3B; TCF-3B
UniProt Entry Name	FOXA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/foxa2-antibody-clone-3c10-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106254>