

Mouse FOXA2 Monoclonal Antibody | anti-FOXA2 antibody

FOXA2 (Forkhead Box A2, HNF3B, MGC19807, TCF3B) (FITC)

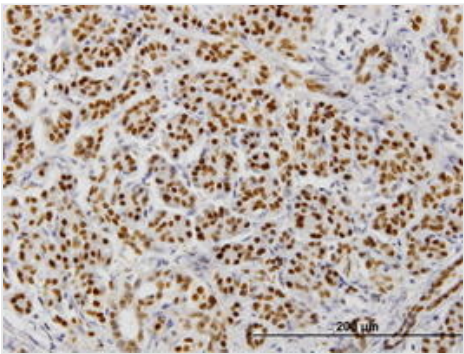
CATALOG #	HOST	APPLICATIONS
AAA26380	Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

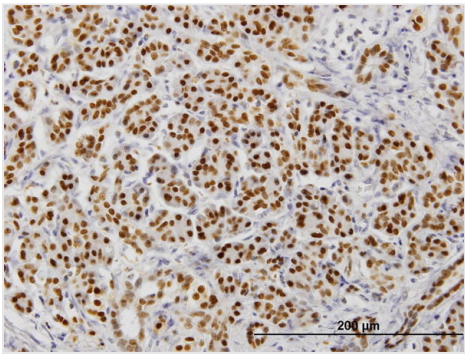
FOXA2; Monoclonal Antibody; FOXA2 (Forkhead Box A2; HNF3B; MGC19807; TCF3B) (FITC); Forkhead Box A2; TCF3B; anti-FOXA2 antibody

PRODUCT SPECIFICATIONS

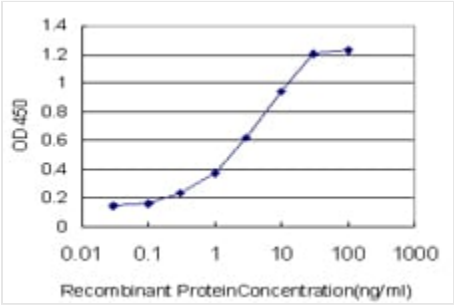
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	6C12
Specificity	Recognizes FOXA2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-FOXA2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	FOXA2 (NP_068556, 363aa-457aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	HLKPEHHYAFNHFPFSINNLMSSSEQQHSHSHHHQPHKMDLKAYEQVMHYPGYGSPMPGSLAMGPVTNKTGLDASPLAADTSYYQGVYSRPIMNSS
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.



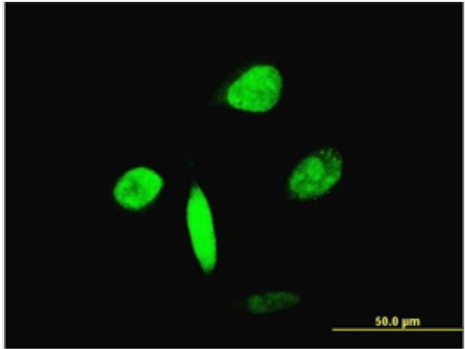
IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to FOXA2 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 0.5 ug/ml]



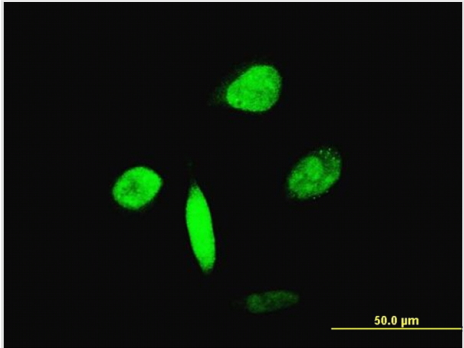
IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to FOXA2 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 0.5 ug/ml]



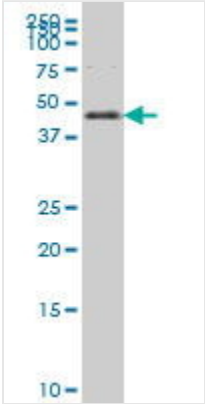
Application Data
Detection limit for recombinant GST tagged FOXA2 is approximately 0.3ng/ml as a capture antibody.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to FOXA2 on HeLa cell. [antibody concentration 10 ug/ml]



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to FOXA2 on HeLa cell. [antibody concentration 10 ug/ml]



WB (Western Blot)
FOX A2 monoclonal antibody (M12), clone 6C12 Western Blot analysis of FOX A2 expression in K-562 (Cat # L009V1).

ADDITIONAL INFORMATION

Related Product Information for anti-FOX A2 antibody	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]
Product Categories/Family for anti-FOX A2 antibody	Antibodies; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	194394143
NCBI GeneID	3170
NCBI Accession #	NP_068556
NCBI GenBank Nucleotide #	NM_021784.4
UniProt Accession #	Q9Y261; Q8WUW4; Q96DF7
Molecular Weight	Predicted: 51 kDa Observed: 54 kDa
NCBI Official Full Name	hepatocyte nuclear factor 3-beta isoform 1
NCBI Official Synonym Full Names	forkhead box A2
NCBI Official Symbol	FOXA2
NCBI Official Synonym Symbols	HNF3B; TCF3B
NCBI Protein Information	hepatocyte nuclear factor 3-beta; HNF-3B; TCF-3B; HNF-3-beta; forkhead box protein A2; transcription factor 3B; hepatic nuclear factor-3-beta; hepatocyte nuclear factor 3, beta
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-6c12-immunofluorescence-immunohistochemistry-western-blot-elisa/26380>