

Datasheet: VMA00137

BATCH NUMBER 240615

Description:	MOUSE ANTI FOXA2
Specificity:	FOXA2
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI3C10
Isotype:	IgG1
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from ascites.
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	Recombinant protein expressed in <i>E.coli</i> corresponding to amino acids 300-458 of human FOXA2

**External Database
Links**

UniProt:

[Q9Y261](#) [Related reagents](#)

Entrez Gene:

[3170](#) FOXA2 [Related reagents](#)

Synonyms HNF3B, TCF3B

Specificity **Mouse anti Human FOXA2 antibody** recognizes FOXA2, also known as HNF-3-beta, HNF-3B, TCF-3B, forkhead box protein A2, hepatic nuclear factor-3-beta, hepatocyte nuclear factor 3, beta, hepatocyte nuclear factor 3-beta and transcription factor 3B.

The FOXA2 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. FOXA2 has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for FOXA2 (provided by RefSeq, Oct 2008).

Mouse anti Human FOXA2 antibody detects a band of 50 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti FOXA2 detects a band of approximately 50 kDa in HepG2 cell lysates.

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10048 available at: Antibody (10048): <https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

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