

Datasheet: VMA00398K

Description:	YBX1 ANTIBODY WITH CONTROL LYSATE
Specificity:	YBX1
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	OT111A7
Isotype:	IgG1
Quantity:	10 Westerns

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#).

The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	100µl 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	Full length recombinant human YBX1 (NP_004550) produced in <i>E.coli</i>
External Database Links	UniProt: P67809 Related reagents Entrez Gene: 4904 YBX1 Related reagents
Synonyms	NSEP1, YB1

Specificity **Mouse anti Human YBX1 antibody** recognizes YBX1 also known as CCAAT-binding transcription factor I subunit A, DNA-binding protein B, EFl-A, Y-box transcription factor and enhancer factor I subunit A, major histocompatibility complex, class II.

Mouse anti Human YBX1 antibody detects a band of 49 kDa. The antibody has been extensively validated for western blotting using whole cell lysates. This antibody is available with a positive control lysate, in a smaller trial size, and as a standalone antibody.

Western Blotting Anti YBX1 detects a band of approximately 49 kDa in A549 cell lysates

Instructions For Use Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

Lysate Composition 400µg A549 lysate lyophilized in RIPA buffer

Lysate Reconstitution - If using DDT reconstitute the lyophilized lysate with 190µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.
- If using BME reconstitute the lyophilized lysate with 180µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.
Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.

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

Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.

Shelf Life As supplied, 12 months from date of despatch

Acknowledgements PrecisionAb™ is a trademark of Bio-Rad Laboratories

Health And Safety Information Material Safety Datasheet Documentation #10048 for antibody available at <https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf>
Lysate Material Safety Datasheet Documentation #10561 available at <https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

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