

## Datasheet: VMA00740KT

<b>Description:</b>	C-JUN ANTIBODY WITH CONTROL LYSATE
<b>Specificity:</b>	C-JUN
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb™ Monoclonal
<b>Clone:</b>	OT12A9
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	2 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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - Liquid
<b>Preparation</b>	20µl Mouse monoclonal antibody affinity purified on Protein A from ascites
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide
<b>Stabilisers</b>	1% Bovine Serum Albumin
<b>Immunogen</b>	<i>E. coli</i> -derived full length recombinant protein of human c-Jun

### External Database Links

#### UniProt:

[P05412](#) [Related reagents](#)

#### Entrez Gene:

[3725](#) JUN [Related reagents](#)

### Specificity

**Mouse anti Human c-Jun antibody** recognizes c-Jun, also known as Jun activation domain binding protein, activator protein 1, enhancer-binding protein AP1, proto-oncogene c-Jun and transcription factor AP-1.

JUN is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. JUN is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies (provided by RefSeq, Jul 2008).

Mouse anti Human c-Jun antibody detects bands of 43 and 48 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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<b>Western Blotting</b>	Mouse anti c-Jun detects bands of approximately 43 & 48 kDa in HeLa cell lysates
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<b>Instructions For Use</b>	Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.
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<b>Lysate Composition</b>	400µg HeLa lysate lyophilized in RIPA buffer
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<b>Lysate Reconstitution</b>	- If using DDT reconstitute the lyophilized lysate with 190µl DI H <sub>2</sub> O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT. - If using BME reconstitute the lyophilized lysate with 180µl DI H <sub>2</sub> O, 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.
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<b>Storage</b>	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.
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<b>Guarantee</b>	As supplied, 12 months from date of despatch
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<b>Acknowledgements</b>	PrecisionAb™ is a trademark of Bio-Rad Laboratories
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10041 #10561 available at: Antibody (10041): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf</a> Lysate Material (10561): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf</a>
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

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

### Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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