

Datasheet: VMA00985

BATCH NUMBER 100006564

Description:	MOUSE ANTI HUMAN YES1
Specificity:	YES1
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	E04/5H12
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
Immunoprecipitation	▪			2.5 µg
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
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	<i>E. coli</i> -derived recombinant protein, aa 1-543 of human YES1
External Database Links	<p>UniProt: P07947 Related reagents</p> <p>Entrez Gene: 7525 YES1 Related reagents</p>
Synonyms	YES
Specificity	<p>Mouse anti Human YES1 antibody recognizes tyrosine-protein kinase YES, also knowns as p61-Yes or proto-oncogene c-Yes.</p> <p>YES1 is a member of the SRC family, which also includes SRC, FYN, LYN, and LCK. Members of the SRC family play important roles in a number of cellular processes, including cell growth, adhesion, survival, and differentiation. YES1 has a significant impact on tumor progression in a number of different types of cancer, including cancers of the oesophagus, lung, bladder, head and neck, suggesting that YES1 could be useful as a therapeutic drug target (Takeda et al. 2020).</p>
Western Blotting	Mouse anti Human YES1 antibody detects a band of 58 kDa in K562 cell lysates
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00985 10040</p>
Regulatory	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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