

Datasheet: VMA00989

BATCH NUMBER 64693437

Description:	MOUSE ANTI HUMAN CEBPB
Specificity:	CEBPB
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	L01/5C4
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	▪			1/2000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Learn about [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	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 1-345 of human CEBPB

External Database Links	UniProt: P17676 Related reagents Entrez Gene: 1051 CEBPB Related reagents
Synonyms	LAP, TCF5
Specificity	<p>Mouse anti Human CEBPB antibody recognizes CCAAT/enhancer-binding protein beta, also known as liver activator protein, nuclear factor NF-IL6 or transcription factor 5.</p> <p>CEBPB is a transcription factor that plays an important role in the regulation of genes involved in immune and inflammatory responses. CEBPB forms heterodimers with CEBPA and CEBPG and has also been shown to be crucial for maintenance of normal macrophage function, including macrophage-mediated muscle repair (Ruffell et al. 2009). In glioblastoma, increased activity of EGF R has been shown to result in up-regulation of CEBPB and vice versa, boosting oncogenic signaling (Selagea et al. 2016).</p>
Western Blotting	Mouse anti Human CEBPB antibody detects bands of 40 kDa and 44 kDa in U-87 MG 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	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00989
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

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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Printed on 29 Jan 2026

