

Datasheet: VMA00121

BATCH NUMBER 120615

Description:	MOUSE ANTI RUNX3
Specificity:	RUNX3
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	2B3
Isotype:	IgG2b
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

Species Cross Reactivity

Reacts with: 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

Mouse monoclonal antibody prepared by affinity chromatography on Protein G from ascites

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Purified recombinant fragment of human RUNX3 (amino acids 186-252) expressed in <i>E. coli</i>
External Database Links	<p>UniProt: Q13761 Related reagents</p> <p>Entrez Gene: 864 RUNX3 Related reagents</p>
Synonyms	AML2, CBFA3, PEBP2A3
Specificity	<p>Mouse anti Human RUNX3 antibody recognizes RUNX3, also known as CBF-alpha-3, PEA2 alpha C, PEA2-alpha C, PEBP2 alpha C, PEBP2-alpha C, SL3-3 enhancer factor 1 alpha C subunit, SL3/AKV core-binding factor alpha C subunit, acute myeloid leukemia 2 protein, acute myeloid leukemia gene 2, core-binding factor subunit alpha-3, core-binding factor, runt domain, alpha subunit 3, oncogene AML-2, polyomavirus enhancer-binding protein 2 alpha C subunit and transcription factor AML2.</p> <p>The RUNX3 gene encodes a member of the runt domain-containing family of transcription factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPYGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcription factors. It functions as a tumor suppressor, and the gene is frequently deleted or transcriptionally silenced in cancer. Multiple transcript variants encoding different isoforms have been found for RUNX3 (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human RUNX3 antibody detects a band of 45 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti RUNX3 detects a band of approximately 45 kDa in Jurkat 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 #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00121 Antibody (10040)
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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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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