

Datasheet: VMA00464

BATCH NUMBER 171924

Description:	MOUSE ANTI UBA52
Specificity:	UBA52
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI4F2
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
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. 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

Species Cross Reactivity

Reacts with: Mouse

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

0.09% Sodium Azide (NaN₃)

Stabilisers	1% Bovine Serum Albumin 25% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	Synthetic peptide corresponding to residues near the C-terminus of human UBA52
External Database Links	<p>UniProt: P62987 Related reagents</p> <p>Entrez Gene: 7311 UBA52 Related reagents</p>
Synonyms	UBCEP2
Specificity	<p>Mouse anti Human UBA52 antibody recognizes UBA52, also known as ubiquitin carboxyl extension protein 52, ubiquitin-52 amino acid fusion protein or ubiquitin-CEP52.</p> <p>Ubiquitin is a highly conserved nuclear and cytoplasmic protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. UBA52 gene encodes a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein L40 at the C terminus, a C-terminal extension protein (CEP). Multiple processed pseudogenes derived from UBA52 are present in the genome. (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human UBA52 antibody detects a band of 11 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti UBA52 detects a band of approximately 11 kDa in Raji cell lysate.
Storage	This product is shipped at ambient temperature. 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 #10048 available at: https://www.bio-rad-antibodies.com/SDS/VMA00464
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

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
'M446170:251022'

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