

## Datasheet: VMA00648

<b>Description:</b>	MOUSE ANTI PRPF8
<b>Specificity:</b>	PRPF8
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	AB01/4B2
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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: 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

Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant

#### Buffer Solution

Phosphate buffered saline

#### Preservative

0.09% Sodium Azide (NaN<sub>3</sub>)

## Stabilisers

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**Immunogen** *E. coli*-derived recombinant human PRPF8 (aa 1-467)

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## External Database Links

### UniProt:

[Q6P2Q9](#) [Related reagents](#)

### Entrez Gene:

[10594](#) PRPF8 [Related reagents](#)

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**Synonyms** PRPC8

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**Specificity** **Mouse anti Human PRPF8 antibody** recognizes pre-mRNA-processing-splicing factor 8, also known as 220 kDa U5 snRNP-specific protein, apoptosis-regulated protein 1 or precursor mRNA processing protein.

Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by PRPF8 is a component of both U2- and U12-dependent spliceosomes, and found to be essential for the catalytic step II in pre-mRNA splicing process. It contains several WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to yeast Prp8 protein. PRPF8 is a candidate gene for autosomal dominant retinitis pigmentosa (provided by RefSeq, Jul 2008).

Mouse anti Human PRPF8 antibody detects a band of 252 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Mouse anti PRPF8 antibody detects a band of approximately 252 kDa in HEK293 cell lysates

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**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles

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**Guarantee** 12 months from date of despatch

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory** 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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batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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