

Datasheet: VPA00200

**BATCH NUMBER 169255**

<b>Description:</b>	SHEEP ANTI ALPHA 2 MACROGLOBULIN
<b>Specificity:</b>	ALPHA 2 MACROGLOBULIN
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<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
Immunoprecipitation	▪			
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

Sheep polyclonal antibody purified by affinity chromatography on Protein G.

### Buffer Solution

Phosphate buffered saline.

### Preservative Stabilisers

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

<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Purified human alpha 2 macroglobulin
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P01023</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">2</a> A2M    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	CPAMD5
<b>Specificity</b>	<p><b>Sheep anti Human alpha 2 macroglobulin antibody</b> recognizes the alpha 2 macroglobulin, also known as C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5 and alpha-2-M.</p> <p>Alpha 2 macroglobulin is a protease inhibitor and cytokine transporter. It inhibits many proteases, including trypsin, thrombin and collagenase. Alpha 2 macroglobulin is implicated in Alzheimer disease (AD) due to its ability to mediate the clearance and degradation of A-beta, the major component of beta-amyloid deposits (provided by RefSeq, Jul 2008).</p> <p>Sheep anti Human alpha 2 macroglobulin antibody detects a band of 180 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti alpha 2 macroglobulin detects a band of approximately 180 kDa in HepG2 cell lysates.
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch.
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00200">https://www.bio-rad-antibodies.com/SDS/VPA00200</a> Antibody (10040)
<b>Regulatory</b>	For research purposes only.

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2504...) [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](https://bio-rad-antibodies.com/datasheets)

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