

Datasheet: VPA00200

Description:	SHEEP ANTI ALPHA 2 MACROGLOBULIN
Specificity:	ALPHA 2 MACROGLOBULIN
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
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	Sheep polyclonal antibody purified by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Purified human alpha 2 macroglobulin

External Database**Links****UniProt:**

[P01023](#) [Related reagents](#)

Entrez Gene:

[2](#) A2M [Related reagents](#)

Synonyms

CPAMD5

Specificity

Sheep anti Human alpha 2 macroglobulin antibody recognizes the alpha 2 macroglobulin, also known as C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5 and alpha-2-M.

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).

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.

Western Blotting

Anti alpha 2 macroglobulin detects a band of approximately 180 kDa in HepG2 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:
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

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://www.bio-rad-antibodies.com/datasheets)

'M370566:200529'

Printed on 29 Aug 2021
