

## Datasheet: 5850-0004

<b>Description:</b>	SHEEP ANTI HUMAN ALPHA 2 MACROGLOBULIN
<b>Specificity:</b>	ALPHA 2 MACROGLOBULIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## 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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 5.0 mg/ml
<b>Immunogen</b>	Purified human alpha-2 macroglobulin
<b>External Database</b>	<b>UniProt:</b>

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

**Entrez Gene:**

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

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**Synonyms** CPAMD5

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**RRID** AB\_620382

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**Specificity** **Sheep anti Human alpha 2 macroglobulin antibody** recognizes human alpha-2-macroglobulin, a secreted protease inhibitor known to suppress the function of all four classes of proteinases. Sheep anti Human alpha 2 macroglobulin antibody exhibits minimal cross reactivity with related serum proteins.

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**References**

1. Nedić, O. *et al.* (2017) Analysis of Four Circulating Complexes of Insulin-Like Growth Factor Binding Proteins in Human Blood during Aging. [Biochemistry \(Mosc\). 82 \(10\): 1200-6.](#)
2. Nedić, O. *et al.* (2022) Major trace elements and their binding proteins in the early phase of Covid-19 infection. [J Biol Inorg Chem. Feb 12 \[Epub ahead of print\].](#)

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**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee** 12 months from date of despatch

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

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**Regulatory** For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [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)  
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