

Datasheet: 5850-0004

Description:	SHEEP ANTI HUMAN ALPHA 2 MACROGLOBULIN
Specificity:	ALPHA 2 MACROGLOBULIN
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

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

Entrez Gene:[2](#) A2M [Related reagents](#)

Synonyms	CPAMD5
RRID	AB_620382
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.
References	<ol style="list-style-type: none">1. Nedić, O. <i>et al.</i> (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. <i>et al.</i> (2022) Major trace elements and their binding proteins in the early phase of Covid-19 infection. J Biol Inorg Chem. 27 (2): 261-9.
Storage	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/5850-0004 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: antibody_sales_us@bio-rad.com**Worldwide**

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