

## Datasheet: 2222-7054

<b>Description:</b>	SHEEP ANTI HUMAN C3d
<b>Specificity:</b>	C3d
<b>Other names:</b>	COMPLEMENT COMPONENT 3d
<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 - Paraffin	▪			1/100
ELISA	▪			
Radial Immunodiffusion	▪			

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>	Ig fraction - liquid
<b>Preparation</b>	Ig fraction prepared by ion exchange chromatography
<b>Buffer Solution</b>	Glycine buffered saline
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> ) 0.1% EACA 0.01% Benzamidine 1 mM EDTA
<b>Immunogen</b>	Purified C3d from pooled activated serum.
<b>External Database Links</b>	<b>UniProt:</b>

[P01024](#)   [Related reagents](#)

**Entrez Gene:**

[718](#)   C3   [Related reagents](#)

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<b>Synonyms</b>	CPAMD1
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<b>RRID</b>	AB_2274954
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<b>Specificity</b>	<b>Sheep anti Human C3d antibody (2222-7054)</b> recognizes human C3d and gave a single arc in the alpha region when tested by IEP against aged human plasma (C3d) and a continuous double arc in the alpha and beta regions when tested against fresh human plasma (C3 and C3d). Identity was confirmed by double diffusion (ouchterlony) versus human plasma and a known anti-human C3d.
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<b>References</b>	1. Luo, Y.H. <i>et al.</i> (2007) Streptococcal pyrogenic exotoxin B antibodies in a mouse model of glomerulonephritis. <a href="#">Kidney Int. 72: 716-24.</a>
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<b>Storage</b>	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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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10087 available at: <a href="https://www.bio-rad-antibodies.com/SDS/2222-7054">https://www.bio-rad-antibodies.com/SDS/2222-7054</a> 10087
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

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

**North & South America**   Tel: +1 800 265 7376  
Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**   Tel: +44 (0)1865 852 700  
Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**   Tel: +49 (0) 89 8090 95 21  
Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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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