

Datasheet: 2222-7054

BATCH NUMBER 152664

Description:	SHEEP ANTI HUMAN C3d
Specificity:	C3d
Other names:	COMPLEMENT COMPONENT 3d
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 - 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.

Target Species	Human
Product Form	Ig fraction - liquid
Preparation	Ig fraction prepared by ion exchange chromatography
Buffer Solution	Glycine buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 0.1% EACA 0.01% Benzamidine 1 mM EDTA
Immunogen	Purified C3d from pooled activated serum.

**External Database
Links**

UniProt:

[P01024](#) [Related reagents](#)

Entrez Gene:

[718](#) C3 [Related reagents](#)

Synonyms

CPAMD1

RRID

AB_2274954

Specificity

Sheep anti Human C3d antibody (2222-7054) 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.

References

1. Luo, Y.H. *et al.* (2007) Streptococcal pyrogenic exotoxin B antibodies in a mouse model of glomerulonephritis. [Kidney Int. 72: 716-24.](#)

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10087 available at:
<https://www.bio-rad-antibodies.com/SDS/2222-7054>
10087

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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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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