

## 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 |
|------------------------|-----|----|----------------|--------------------|
| 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</b>            | 0.09% Sodium Azide (NaN <sub>3</sub> )  |
| <b>Stabilisers</b>             | 0.1% EACA<br>0.01% Benzamidine<br>1 mM EDTA   |
| <b>Immunogen</b>               | Purified C3d from pooled activated serum.   |
| <b>External Database Links</b> | <p><b>UniProt:</b><br/> <a href="#">P01024</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b><br/> <a href="#">718</a>   C3   <a href="#">Related reagents</a></p> |
| <b>Synonyms</b>                | CPAMD1  |

|                                      |  |
|--------------------------------------|--|
| <b>Specificity</b>                   | <b>Sheep anti Human C4d antibody</b> (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. |
| <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>  |
| <b>Storage</b>                       | Store at +4°C or at -20°C if preferred.<br>Storage in frost-free freezers is not recommended.<br>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.  |
| <b>Shelf Life</b>                    | 18 months from date of despatch.   |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10087 available at:<br>10087: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10087.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10087.pdf</a>   |
| <b>Regulatory</b>                    | 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](#), [DyLight@549](#), [DyLight@649](#),  
[FITC](#), [HRP](#)

**North & South** Tel: +1 800 265 7376

**America** 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)

'M316462:180510'

Printed on 10 May 2018