

## Datasheet: 5850-0004P

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|----------------------|--|
| <b>Description:</b>  | SHEEP ANTI HUMAN ALPHA 2 MACROGLOBULIN:HRP |
| <b>Specificity:</b>  | ALPHA 2 MACROGLOBULIN                      |
| <b>Format:</b>       | HRP  |
| <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 | ▪   |    |                | 1/50 - 1/500       |
| ELISA                    | ▪   |    |                | 1/50 - 1/500       |

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 conjugated to Horseradish Peroxidase (HRP) - liquid   |
| <b>Preparation</b>                    | Purified IgG prepared by affinity chromatography   |
| <b>Buffer Solution</b>                | Phosphate buffered saline  |
| <b>Preservative</b>                   | 0.01% Thiomersal   |
| <b>Stabilisers</b>                    | HRP Stabiliser ( <a href="#">BUF052A</a> )   |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0mg/ml   |
| <b>Immunogen</b>                      | Purified human alpha-2 macroglobulin   |
| <b>External Database Links</b>        | <p><b>UniProt:</b><br/> <a href="#">P01023</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b><br/> <a href="#">2</a> A2M   <a href="#">Related reagents</a></p> |
| <b>Synonyms</b>                       | CPAMD5   |

|                                      |  |
|--------------------------------------|--|
| <b>Specificity</b>                   | <b>Sheep anti Human alpha 2 macroglobulin antibody</b> 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. |
| <b>References</b>                    | 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. <a href="#">Biochemistry (Mosc). 82 (10): 1200-6.</a>   |
| <b>Storage</b>                       | Store at +4°C. DO NOT FREEZE.<br>This product should be stored undiluted. 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 #10131 available at:<br>10131: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10131.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10131.pdf</a>   |
| <b>Regulatory</b>                    | For research purposes only   |

## Related Products

### Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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