

Datasheet: 642005

**BATCH NUMBER 173044**

|                      |   |
|----------------------|---|
| <b>Description:</b>  | DONKEY ANTI GOAT IgG (H/L):HRP (RAT/MOUSE ADSORBED) |
| <b>Specificity:</b>  | IgG (H/L)   |
| <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 | ▪   |    |                |                    |
| 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 appropriate negative/positive controls.

|                                 |   |
|---------------------------------|---|
| <b>Target Species</b>           | Goat  |
| <b>Species Cross Reactivity</b> | Does not react with: Mouse, Rat                                 |
| <b>Product Form</b>             | Ig Fraction conjugated to Horseradish Peroxidase (HRP) - liquid |

**Antiserum Preparation** Donkey anti Goat IgG was prepared from pooled antisera from donkeys hyperimmunised with goat IgG. The antiserum was cross adsorbed against mouse and rat serum proteins to minimize cross-reactivity. The preparation was purified by affinity chromatography on goat IgG covalently linked to agarose.

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Buffer Solution</b>          | Phosphate buffered saline |
| <b>Preservative Stabilisers</b> | 50% glycerol.             |

|                                      |  |
|--------------------------------------|--|
| <b>Immunogen</b>                     | Goat IgG.  |
| <b>RRID</b>                          | AB_609688  |
| <b>Specificity</b>                   | <b>Donkey anti Goat IgG antibody</b> recognizes the heavy and light chains of goat IgG as demonstrated by ELISA. The preparation has minimal cross reaction with rat and mouse serum proteins, however, it may react with the light chains of other goat immunoglobulins.  |
| <b>References</b>                    | <ol style="list-style-type: none"> <li>1. Gerry, A.B. and Leake, D.S. (2014) Effect of low extracellular pH on NF-κB activation in macrophages. <a href="#">Atherosclerosis. 233: 537-44.</a></li> <li>2. Armour, K.L. <i>et al.</i> (2014) Clearance of Human IgG1-Sensitised Red Blood Cells In Vivo in Humans Relates to the In Vitro Properties of Antibodies from Alternative Cell Lines. <a href="#">PLoS One. 9: e109463.</a></li> <li>3. Soltani, M. <i>et al.</i> (2023) Inhibition of Autophagy in Heat-Stressed Sperm of Adult Mice: A Possible Role of Catsper1, 2 Channel Proteins. <a href="#">J Trop Med. 2023: 6890815.</a></li> </ol> |
| <b>Storage</b>                       | <p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>  |
| <b>Guarantee</b>                     | Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.   |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10106 available at: <a href="https://www.bio-rad-antibodies.com/SDS/642005">https://www.bio-rad-antibodies.com/SDS/642005</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+ \(BUF054A\)](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)

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