

## Datasheet: HCA119A

<b>Description:</b>	HUMAN ANTI RAT IgG1
<b>Specificity:</b>	IgG1
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	AbD08938
<b>Isotype:</b>	HuCAL Fab bivalent
<b>Quantity:</b>	50 µg

## 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	▪			1/100 - 1/1000

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.

### Target Species

Rat

### Product Form

A bivalent human recombinant Fab selected from the HuCAL® phage display library, expressed in *E. coli*. This Fab fragment is dimerized via a helix-turn-helix motif. The antibody is tagged with myc-tag (EQKLISEEDL) and a double extended Strep-tag at the C-terminus of the antibody heavy chain. This antibody is supplied as a liquid.

### Preparation

StrepTactin affinity chromatography

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.01% Thiomersal

### Approx. Protein Concentrations

Antibody concentration 0.5 mg/ml

### Immunogen

Purified Rat monoclonal IgG1 kappa

**External Database  
Links**

**UniProt:**

[P20759](#)    [Related reagents](#)

**Entrez Gene:**

[299354](#) Ighg    [Related reagents](#)

---

**RRID**                      AB\_2021042

---

**Specificity**              **Human anti Rat IgG1 antibody, clone AbD08938** recognizes Rat IgG1. No cross reactivity is seen with other rat immunoglobulin subclasses.

---

**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

---

**Acknowledgements**        Sold under license of U.S. Patents 6753136, 7785859 and 8273688 and corresponding patents. This antibody was developed by Bio-Rad, Zeppelinstr. 4, 82178 Puchheim, Germany.

---

**Health And Safety  
Information**                      Material Safety Datasheet documentation #10094 available at:  
10094: <https://www.bio-rad-antibodies.com/uploads/MSDS/10094.pdf>

---

**Licensed Use**                      For in vitro research purposes only, unless otherwise specified in writing by Bio-Rad.

---

**Regulatory**                      For research purposes only

---

**Technical Advice**                      Recommended protocols and further information about HuCAL recombinant antibody technology can be found in the [HuCAL Antibodies Technical Manual](#)

---

## Related Products

### Recommended Secondary Antibodies

Mouse Anti Synthetic Peptide STREP-TAG CLASSIC (MCA2489...) [HRP](#)

Mouse Anti Human C-MYC (MCA2200...)                      [Alk. Phos.](#), [Biotin](#), [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)

From March 15, 2021, we will no longer supply printed datasheets with our products.

Look out for updates on how to access your digital version at [bio-rad-antibodies.com](http://bio-rad-antibodies.com)

'M339460:181219'

**Printed on 09 Feb 2021**

---

