

Datasheet: 5218-9850

**BATCH NUMBER 149200**

<b>Description:</b>	MOUSE ANTI HUMAN IgG1
<b>Specificity:</b>	IgG1
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	2C11
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.5 mg

## 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	▪			

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 - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Purified human IgG.
<b>External Database Links</b>	<b>UniProt:</b>

[P01857](#)   [Related reagents](#)

**Entrez Gene:**

[3500](#)   IGHG1   [Related reagents](#)

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<b>RRID</b>	AB_2126756
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<b>Specificity</b>	<b>Mouse anti Human IgG1 antibody, clone 2C11</b> reacts with the $\gamma$ 2-specific epitope inside the Fc fragment of human IgG1. It does not cross react with other human immunoglobulins.
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<b>References</b>	<ol style="list-style-type: none"><li>1. Stubbs, J. <i>et al.</i> (2011) Strain-transcending Fc-dependent killing of <i>Plasmodium falciparum</i> by merozoite surface protein 2 allele-specific human antibodies. <a href="#">Infect Immun. 79 (3): 1143-52.</a></li><li>2. Caturegli, P. <i>et al.</i> (2016) Hypophysitis Secondary to Cytotoxic T-Lymphocyte-Associated Protein 4 Blockade: Insights into Pathogenesis from an Autopsy Series. <a href="#">Am J Pathol. 186 (12): 3225-35.</a></li><li>3. Wallukat, G. <i>et al.</i> (2016) Autoantibodies Directed Against the Endothelin A Receptor in Patients With Benign Prostatic Hyperplasia. <a href="#">Prostate. Nov 24. [Epub ahead of print]</a></li><li>4. Martinsson, K. <i>et al.</i> (2017) Immunoglobulin (Ig)G1 and IgG4 anti-cyclic citrullinated peptide (CCP) associate with shared epitope, whereas IgG2 anti-CCP associates with smoking in patients with recent-onset rheumatoid arthritis (the Swedish TIRA project). <a href="#">Clin Exp Immunol. 188 (1): 53-62.</a></li></ol>
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<b>Storage</b>	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.
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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/5218-9850">https://www.bio-rad-antibodies.com/SDS/5218-9850</a> 10040
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®550</a> , <a href="#">DyLight®650</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> ,

	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>

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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://bio-rad-antibodies.com/datasheets)  
'M363243:200528'

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