

# Datasheet: STAR4010B

**BATCH NUMBER 165245**

<b>Description:</b>	GOAT ANTI RABBIT IgG/IgM:Biotin (HUMAN ADSORBED)
<b>Specificity:</b>	IgG IgM
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			
ELISA	▪			1/5000 - 1/20,000
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>	Rabbit
<b>Species Cross Reactivity</b>	Does not react with:Human
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid

**Antiserum Preparation** Antisera to rabbit IgG and IgM were raised by repeated immunizations of goats with normal rabbit IgG and IgM.  
The Ig fraction was purified by affinity chromatography on pooled rabbit IgG and IgM covalently linked to agarose.  
The preparation has been cross absorbed with pooled human sera and purified human paraproteins to remove any potential cross reactivity.

<b>Buffer Solution</b>	Phosphate buffered saline
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<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Normal rabbit IgG + IgM.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P01780</a> <a href="#">Related reagents</a> <a href="#">P03988</a> <a href="#">Related reagents</a> <a href="#">P04221</a> <a href="#">Related reagents</a>
<b>Specificity</b>	<b>Goat anti Rabbit IgG/IgM antibody</b> reacts with the heavy and light chains of rabbit IgG and IgM and with the light chains of rabbit IgA as demonstrated by ELISA and flow cytometry.
<b>References</b>	1. Campos-ordonez, T. <i>et al.</i> (2019) Cyclohexane Inhalation Produces Long-Lasting Alterations in the Hippocampal Integrity and Reward-Seeking Behavior in the Adult Mouse. <a href="#">Cell Mol Neurobiol. Feb 15 [Epub ahead of print].</a> 2. Iver, S. <i>et al.</i> (2019) Probing BAK and BAX Activation and Pore Assembly with Cytochrome c Release, Limited Proteolysis, and Oxidant-Induced Linkage. <a href="#">Methods Mol Biol. 1877: 201-16.</a> 3. Campos-Ordoñez, T. <i>et al.</i> (2021) Chronic exposure to cyclohexane induces stereotypic circling, hyperlocomotion, and anxiety-like behavior associated with atypical c-Fos expression in motor- and anxiety-related brain regions. <a href="#">Behav Brain Res. Nov 12;113664.</a>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.</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 #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR4010B">https://www.bio-rad-antibodies.com/SDS/STAR4010B</a> 10040
<b>Regulatory</b>	For research purposes only

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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)  
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