

## Datasheet: STAR87A

**BATCH NUMBER 152952**

<b>Description:</b>	GOAT ANTI MOUSE IgG/A/M:Alk. Phos.
<b>Specificity:</b>	IgG IgA IgM
<b>Format:</b>	Alk. Phos.
<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	▪			1/3000
Western Blotting	▪			

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

**Target Species** Mouse

**Product Form** Purified IgG conjugated to alkaline phosphatase - liquid

**Antiserum Preparation** Antisera to mouse immunoglobulins were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

**Buffer Solution** 0.05M TRIS Chloride  
0.15M NaCl  
0.001M MgCl<sub>2</sub>  
0.0001M ZnCl<sub>2</sub>  
50% (v/v) Glycerol; pH8.0

**Preservative** 0.1% Sodium Azide (NaN<sub>3</sub>)  
**Stabilisers** 1% Bovine Serum Albumin

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Mouse IgG purified from normal mouse serum, mouse IgA and IgM purified from ascitic fluid.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01867</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01865</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01864</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01863</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01869</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01868</a>    <a href="#">Related reagents</a></p> <p><a href="#">P03987</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01872</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01873</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01878</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">16016</a>    Ighg2b    <a href="#">Related reagents</a></p> <p><a href="#">380793</a>    Igh-1a    <a href="#">Related reagents</a></p> <p><a href="#">16017</a>    Ighg1    <a href="#">Related reagents</a></p> <p><a href="#">16017</a>    Ighg1    <a href="#">Related reagents</a></p> <p><a href="#">380793</a>    Igh-1a    <a href="#">Related reagents</a></p> <p><a href="#">380793</a>    Igh-1a    <a href="#">Related reagents</a></p> <p><a href="#">16019</a>    Ighm    <a href="#">Related reagents</a></p> <p><a href="#">16019</a>    Ighm    <a href="#">Related reagents</a></p> <p><a href="#">16061</a>    Igh-VJ558    <a href="#">Related reagents</a></p> <p><a href="#">380795</a>    AI324046    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Igh-4
<b>RRID</b>	AB_321852
<b>Specificity</b>	<b>Goat anti Mouse IgG/A/M (Human Adsorbed) antibody</b> recognizes all subclasses of murine immunoglobulin and has been adsorbed against human, bovine and hamster immunoglobulins.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Bergmeier, L.A. <i>et al.</i> (2005) Mucosal alloimmunization elicits T-cell proliferation, CC chemokines, CCR5 antibodies and inhibition of simian immunodeficiency virus infectivity. <a href="#">J Gen Virol. 86: 2231-8.</a></li> <li>2. Peters, B. <i>et al.</i> (2004) Effect of heterosexual intercourse on mucosal alloimmunisation and resistance to HIV-1 infection. <a href="#">Lancet. 363: 518-24.</a></li> <li>3. Bartlomiejczyk, M.A. <i>et al.</i> (2014) Interaction of lectin pathway of complement-activating pattern recognition molecules with mycobacteria. <a href="#">Clin Exp Immunol. 178 (2): 310-9.</a></li> </ol>

4. Kubelkova, K. *et al.* (2021) Early infection-induced natural antibody response. [Sci Rep. 11 \(1\): 1541.](#)
5. Grandoni, F. *et al.* (2017) Characterization of leukocyte subsets in buffalo (*Bubalus bubalis.*) with cross-reactive monoclonal antibodies specific for bovine MHC class I and class II molecules and leukocyte differentiation molecules. [Dev Comp Immunol. 74: 101-109.](#)

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**Storage**

Store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**

12 months from date of despatch

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**Health And Safety Information**

Material Safety Datasheet documentation #10063 available at: <https://www.bio-rad-antibodies.com/SDS/STAR87A>  
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**Regulatory**

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://www.bio-rad-antibodies.com/datasheets)  
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