

## Datasheet: AAI27

**BATCH NUMBER 170724**

<b>Description:</b>	GOAT ANTI CHICKEN IgM
<b>Specificity:</b>	IgM
<b>Format:</b>	Purified
<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
Flow Cytometry			▪	
Immunohistology - Frozen	▪			1/200 - 1/2000
Immunohistology - Paraffin			▪	
ELISA	▪			1/100 - 1/1000
Immunoprecipitation			▪	
Western Blotting	▪			1/1000 - 1/30,000
Immunodiffusion	▪			
Immunocytochemistry	▪			1/200 - 1/2000

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 the appropriate negative/positive controls.

<b>Target Species</b>	Chicken
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to chicken IgM were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified chicken IgM.
External Database Links	<b>UniProt:</b> <a href="#">P01875</a> <a href="#">Related reagents</a>
RRID	AB_2076334
Specificity	<p><b>Goat anti Chicken IgM antibody</b> recognizes chicken immunoglobulin M and shows no cross reactivity with other chicken immunoglobulin classes in immunoelectrophoresis.</p> <p>Goat anti chicken IgM antibody may cross react with IgM from other species.</p>
References	<ol style="list-style-type: none"> <li>1. Withanage, G.S. <i>et al.</i> (2001) Cytokine and chemokine responses associated with clearance of a primary <i>Salmonella enterica</i> serovar <i>Typhimurium</i> infection in the chicken and in protective immunity to rechallenge. <a href="#">Infect Immun.73: 5173-82.</a></li> <li>2. Beal, R.K. <i>et al.</i> (2005) A strong antigen-specific T-cell response is associated with age and genetically dependent resistance to avian enteric salmonellosis. <a href="#">Infect Immun. 73 (11): 7509-16.</a></li> <li>3. Rautenschlein, S. <i>et al.</i> (2011) Local and systemic immune responses following infection of broiler-type chickens with avian Metapneumovirus subtypes A and B. <a href="#">Vet Immunol Immunopathol. 140(1-2):10-22.</a></li> <li>4. Toscano, M.J. <i>et al.</i> (2010) Sub-clinical infection with <i>Salmonella</i> in chickens differentially affects behaviour and welfare in three inbred strains. <a href="#">Br Poult Sci. 51: 703-13.</a></li> <li>5. Radomska, K.A. <i>et al.</i> (2016) Chicken Immune Response after <i>In Ovo</i> Immunization with Chimeric TLR5 Activating Flagellin of <i>Campylobacter jejuni</i>. <a href="#">PLoS One. 11 (10): e0164837.</a></li> <li>6. Dziejulska, D. <i>et al.</i> (2018) The impact of Aloe vera and licorice extracts on selected mechanisms of humoral and cell-mediated immunity in pigeons experimentally infected with PPMV-1. <a href="#">BMC Vet Res. 14 (1): 148.</a></li> <li>7. Konieczka, P. <i>et al.</i> (2022) Increased arginine, lysine, and methionine levels can improve the performance, gut integrity and immune status of turkeys but the effect is interactive and depends on challenge conditions. <a href="#">Vet Res. 53 (1): 59.</a></li> </ol>
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AAI2710040">https://www.bio-rad-antibodies.com/SDS/AAI2710040</a></p>
Regulatory	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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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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