

Datasheet: AAI27

Description:	GOAT ANTI CHICKEN IgM
Specificity:	IgM
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Chicken
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to chicken IgM were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified chicken IgM.
External Database Links	UniProt:

Specificity **Goat anti Chicken IgM antibody** recognizes chicken immunoglobulin M and shows no cross reactivity with other chicken immunoglobulin classes in immunoelectrophoresis.

Goat anti chicken IgM antibody may cross react with IgM from other species.

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- References**
1. Withanage, G.S. *et al.* (2001) Cytokine and chemokine responses associated with clearance of a primary *Salmonella enterica* serovar *Typhimurium* infection in the chicken and in protective immunity to rechallenge. [Infect Immun.73: 5173-82.](#)
 2. Beal,R.K. *et al* (2005) A Strong Antigen-Specific T-Cell Response Is Associated with Age and Genetically Dependent Resistance to Avian Enteric Salmonellosis. [Infect. Immun. 2005 73: 7509-7516](#)
 3. Rautenschlein, S. *et al.* (2011) Local and systemic immune responses following infection of broiler-type chickens with avian Metapneumovirus subtypes A and B. [Vet Immunol Immunopathol. 140\(1-2\):10-22.](#)
 4. Toscano, M.J. *et al.* (2010) Sub-clinical infection with *Salmonella* in chickens differentially affects behaviour and welfare in three inbred strains. [Br Poult Sci. 51: 703-13.](#)
 5. Radomska, K.A. *et al.* (2016) Chicken Immune Response after *In Ovo* Immunization with Chimeric TLR5 Activating Flagellin of *Campylobacter jejuni*. [PLoS One. 11 \(10\): e0164837.](#)
 6. Dziewulska, D. *et al.* (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. [BMC Vet Res. 14 \(1\): 148.](#)

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.

Shelf Life 12 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

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