

Datasheet: AAI27P

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|----------------------|---------------------------|
| Description: | GOAT ANTI CHICKEN IgM:HRP |
| Specificity: | IgM |
| Format: | HRP |
| 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 |
|----------------------------|-----|----|----------------|----------------------|
| Immunohistology - Frozen | ▪ | | | 1/200 - 1/2000 |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | ▪ | | | 1/10,000 - 1/100,000 |
| Western Blotting | ▪ | | | 1/2000 - 1/20,000 |
| 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 appropriate negative/positive controls.

| | |
|---------------------------------------|--|
| Target Species | Chicken |
| Product Form | Purified IgG conjugated to Horseradish Peroxidase (HRP) - 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 | 0.05% Proclin™ 300 |
| Stabilisers | 0.2% Bovine Serum Albumin |
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
| Immunogen | Purified chicken IgM. |
| External Database Links | UniProt: P01875 Related reagents |

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.

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.

Acknowledgements

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Health And Safety Information

Material Safety Datasheet documentation #20391 available at:
20391: <https://www.bio-rad-antibodies.com/uploads/MSDS/20391.pdf>

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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