

Datasheet: AAI48P

BATCH NUMBER 154156

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| Description: | GOAT ANTI PIG 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 |
|----------------------------|-----|----|----------------|----------------------|
| Flow Cytometry | | | ▪ | |
| Immunohistology - Frozen | ▪ | | | 1/200 - 1/2000 |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | ▪ | | | 1/10,000 - 1/100,000 |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | ▪ | | | 1/2000 - 1/20,000 |
| Immunocytochemistry | ▪ | | | 1/200 - 1/2000 |

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.

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| Target Species | Pig |
| Product Form | Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid |

Antiserum Preparation Antisera to porcine IgM were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography using antigen coupled to agarose beads.

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| Buffer Solution | Phosphate buffered saline |
| Preservative | 0.05% Proclin™ 300 |
| Stabilisers | 0.2% Bovine Serum Albumin |

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| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
| Immunogen | Purified Porcine IgM |
| Specificity | Goat anti Pig IgM antibody recognizes porcine IgM and shows no cross-reactivity with other porcine immunoglobulin classes in immunoelectrophoresis. This antibody may cross-react with IgM from other species. |
| References | <ol style="list-style-type: none"> Williams, A.R. <i>et al.</i> (2017) Dietary cinnamaldehyde enhances acquisition of specific antibodies following helminth infection in pigs. Vet Immunol Immunopathol. 189: 43-52. Tiurbe, G. <i>et al.</i> (2009) Inhibitory effects of rat bone marrow-derived dendritic cells on naïve and alloantigen-specific CD4+ T cells: a comparison between dendritic cells generated with GM-CSF plus IL-4 and dendritic cells generated with GM-CSF plus IL-10. BMC Res Notes. 2: 12. Corsaut, L. <i>et al.</i> (2021) Immunogenicity study of a <i>Streptococcus suis</i>. autogenous vaccine in preparturient sows and evaluation of passive maternal immunity in piglets. BMC Vet Res. 17 (1): 72. Forner, R. <i>et al.</i> (2021) Distribution difference of colostrum-derived B and T cells subsets in gilts and sows. PLoS One. 16 (5): e0249366. |
| 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. |
| Guarantee | 12 months from date of despatch |
| Acknowledgements | Proclin™ 300 is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow. |
| Health And Safety Information | Material Safety Datasheet documentation #20391 available at: https://www.bio-rad-antibodies.com/SDS/AAI48P 20391 |
| Regulatory | For research purposes only |

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