

Datasheet: 104004

BATCH NUMBER 158047

Description:	GOAT ANTI MOUSE IgA:Alk. Phos.
Specificity:	IgA
Format:	Alk. Phos.
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

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
ELISA	■			1/2000 - 1/4000

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.

Target Species	Mouse
Product Form	Purified IgG conjugated to Alkaline Phosphatase - liquid
Antiserum Preparation	Antiserum to mouse IgA was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	TRIS buffered saline, 1mM MgCl ₂
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃) 50% Glycerol
External Database Links	<p>UniProt:</p> <p>P01878 Related reagents</p> <p>Entrez Gene:</p> <p>16061 Igh-VJ558 Related reagents</p>

Specificity **Goat anti Mouse IgA antibody** recognizes murine IgA as demonstrated by ELISA, FLISA and/or Flow cytometry.
Goat anti Mouse IgA antibody has been cross adsorbed against mouse IgG1, IgG2a, IgG2b, IgG3 and IgM.

References
1. Lindner, C. *et al.* (2012) Age, microbiota, and T cells shape diverse individual IgA repertoires in the intestine. [J Exp Med. 209: 365-77.](#)
2. Tregoning, J.S. *et al.* (2013) A "prime-pull" vaccine strategy has a modest effect on local and systemic antibody responses to HIV gp140 in mice. [PLoS One. 8: e80559.](#)

Storage
Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee Guaranteed until date of expiry. Please see product label.

Health And Safety Information Material Safety Datasheet documentation #10322 available at:
<https://www.bio-rad-antibodies.com/SDS/10400410322>

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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