

Datasheet: 104009

Description:	GOAT ANTI MOUSE IgA:RPE
Specificity:	IgA
Format:	RPE
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.25 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	▪			

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 R. Phycoerythrin (RPE) - liquid						
Max Ex/Em	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>RPE 488nm laser</td> <td>496</td> <td>578</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	RPE 488nm laser	496	578
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RPE 488nm laser	496	578					

Antiserum Preparation Antisera to mouse IgA were prepared from pooled antisera of goats hyperimmunized with mouse IgA. The antiserum was cross-absorbed against mouse IgG1, IgG2a, IgG2b, IgG3 and IgM to ensure class specificity.

Buffer Solution	Phosphate buffered saline
Preservative	0.1% Sodium Azide (NaN ₃)
Stabilisers	Stabilizing agent
Approx. Protein Concentrations	0.25 mg/ml
External Database Links	<p>UniProt: P01878 Related reagents</p> <p>Entrez Gene: 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. DO NOT FREEZE.
This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life 18 months from the date of despatch.

Health And Safety Information Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10331 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10331.pdf>

Regulatory For research purposes only

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