

## Datasheet: STAR104D550

<b>Description:</b>	GOAT F(ab') <sub>2</sub> ANTI HAMSTER IgG:DyLight®550
<b>Specificity:</b>	IgG
<b>Format:</b>	DyLight®550
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			1/25 - 1/50
Western Blotting	▪			1/5000 - 1/50,000
Immunofluorescence	▪			1/25 - 1/50

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.

<b>Target Species</b>	Hamster		
<b>Product Form</b>	F(ab') <sub>2</sub> fragment of purified IgG conjugated to DyLight®550 - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	DyLight®550	562	576

**Antiserum Preparation** Antisera to hamster IgG were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml

<b>Immunogen</b>	Hamster IgG.
<b>Specificity</b>	<b>Goat F(ab')<sub>2</sub> anti Hamster IgG antibody</b> recognizes Golden Syrian and Armenian hamster IgG. Goat F(ab') <sub>2</sub> anti Hamster IgG antibody has been adsorbed against both mouse and rat immunoglobulins to minimise cross-reactivity.
<b>Flow Cytometry</b>	Use 50ul of the suggested working dilution to label 1 x 10 <sup>6</sup> cells in 100ul.
<b>References</b>	<p>1. Osorio, Y. <i>et al.</i> (2011) Identification of small molecule lead compounds for visceral leishmaniasis using a novel <i>ex vivo</i> splenic explant model system. <a href="#">PLoS Negl Trop Dis. 5 (2): e962.</a></p> <p>2. Bouma, G. <i>et al.</i> (2011) Cytoskeletal remodeling mediated by WASp in dendritic cells is necessary for normal immune synapse formation and T-cell priming. <a href="#">Blood. 118 (9): 2492-501.</a></p>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	DyLight <sup>®</sup> is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR104D550">https://www.bio-rad-antibodies.com/SDS/STAR104D550</a> 10040
<b>Regulatory</b>	For research purposes only

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'M428613:240301'

Printed on 29 Aug 2024

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