

Datasheet: HCA310D550

Description:	HUMAN ANTI MOUSE IgG2a:DyLight®550
Specificity:	IgG2a
Format:	DyLight®550
Product Type:	Monoclonal Antibody
Clone:	AbD24124
Isotype:	HuCAL Fab bivalent
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			1/500 - 1/10,000
Western Blotting	▪			1/1000 - 1/10,000
Immunofluorescence	▪			1/100 - 1/1000
Rare Cell / CTC Enumeration	▪			1/100 - 1/500

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 A bivalent human recombinant Fab selected from the HuCAL phage display library, expressed in *E. coli*. This Fab fragment is dimerized via an inactive variant of the bacterial alkaline phosphatase (BAP) fusion protein. The antibody is tagged with DYKDDDDK and His (HHHHHH) tags. This antibody is supplied conjugated to DyLight 550 - liquid.

Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	Dylight®550	562	576

Preparation Prepared by affinity chromatography

Source E.coli

Buffer Solution Phosphate buffered saline

Preservative Stabilisers	0.09% sodium azide (NaN ₃)
Approx. Protein Concentrations	Antibody concentration 1.0 mg/ml
Specificity	<p>Human anti Mouse IgG2a monoclonal antibody, clone AbD24124, recognizes the IgG2a isotype of the primary antibody, with no species cross reactivity against mouse IgG1 and mouse IgG2b primary antibodies. This antibody allows for more than one unlabelled mouse monoclonal antibody to be used at any one time permitting multiplexing.</p> <p>Human anti Mouse IgG2a antibody, clone AbD24124, has been validated for use on the Genesis Cell Isolation System with the CelSelect Slide™ technology.</p>
Storage	<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>
Guarantee	12 months from date of despatch
Acknowledgements	<p>This product and/or its use is covered by claims of U.S. patents, and/or pending U.S. and non-U.S. patent applications owned by or under license to Bio-Rad Laboratories, Inc. See bio-rad.com/en-us/trademarks for details.</p> <p>His-tag is a trademark of EMD Biosciences.</p> <p>DyLight is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.</p> <p>CelSelect Slides is a trademark of Bio-Rad Laboratories, Inc. in certain jurisdictions.</p>
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/HCA310D550</p> <p>10040</p>
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

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