

Datasheet: HCA311D650

Description:	HUMAN ANTI MOUSE IgG2b:DyLight@650
Specificity:	IgG2b
Format:	DyLight@650
Product Type:	Monoclonal Antibody
Clone:	AbD24127
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
Immunocytochemistry	▪			1/100 - 1/1000

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 650 - liquid.

Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	DyLight@650	654	673

Preparation

Prepared by affinity chromatography

Source

E.coli

Buffer Solution

Phosphate buffered saline

Preservative

0.09% sodium azide (NaN₃)

Stabilisers

Approx. Protein Concentrations Antibody concentration 1.0 mg/ml

Specificity **Human anti mouse IgG2b monoclonal antibody**, clone AbD24127, recognizes the IgG2b isotype of the primary antibody, with no species cross reactivity against mouse IgG1 and mouse IgG2a primary antibodies. This antibody allows for more than one unlabelled mouse monoclonal antibody to be used at any one time permitting multiplexing.

Storage 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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee 12 months from date of despatch

Acknowledgements 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.
His-tag is a trademark of EMD Biosciences.
DyLight is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
The Lightning Link® technology used in the creation of this product is provided under an intellectual property license from Abcam Limited. For information on purchasing a license to this technology for purposes other than research contact Abcam at partnership@abcam.com. Lightning Link® is a registered trademark of Abcam Limited.

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/HCA311D650>
10040

Regulatory For research purposes only

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M433568:241108'

Printed on 08 Nov 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)