

## Datasheet: HCA311A

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| <b>Description:</b>  | HUMAN ANTI MOUSE IgG2b:Alk. Phos |
| <b>Specificity:</b>  | IgG2b                            |
| <b>Format:</b>       | Alk. Phos.                       |
| <b>Product Type:</b> | Monoclonal Antibody              |
| <b>Clone:</b>        | AbD24127                         |
| <b>Isotype:</b>      | HuCAL Fab bivalent               |
| <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 |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Paraffin | ▪   |    |                | 1/100 - 1/1000     |
| ELISA                      | ▪   |    |                |                    |

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.

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| <b>Target Species</b>                 | Mouse   |
| <b>Product Form</b>                   | A bivalent human recombinant Fab selected from the HuCAL phage display library, expressed in <i>E. coli</i> . 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 alkaline phosphatase - liquid. |
| <b>Preparation</b>                    | 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> | Antibody concentration 1.0 mg/ml  |
| <b>Specificity</b>                    | <b>Human anti mouse IgG2b monoclonal antibody</b> , 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.

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| <b>Storage</b> | Store at +4°C.<br>DO NOT FREEZE.<br>This product should be stored undiluted. This product is photosensitive and should be protected from light.<br>Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |
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| <b>Guarantee</b> | 12 months from date of despatch |
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| <b>Acknowledgements</b> | 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 <a href="http://bio-rad.com/en-us/trademarks">bio-rad.com/en-us/trademarks</a> for details.<br>His-tag is a trademark of EMD Biosciences. |
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| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10040 available at:<br>10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a> |
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| <b>Regulatory</b> | For research purposes only |
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| <b>North &amp; South America</b> | Tel: +1 800 265 7376<br>Fax: +1 919 878 3751<br>Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a> | <b>Worldwide</b> | Tel: +44 (0)1865 852 700<br>Fax: +44 (0)1865 852 739<br>Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a> | <b>Europe</b> | Tel: +49 (0) 89 8090 95 21<br>Fax: +49 (0) 89 8090 95 50<br>Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a> |
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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](http://bio-rad-antibodies.com/datasheets)  
'M407666:221008'

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