

Datasheet: HCA310P

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| Description: | HUMAN ANTI MOUSE IgG2a:HRP |
| Specificity: | IgG2a |
| Format: | HRP |
| 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 |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Paraffin | ▪ | | | 1/100 - 1/1000 |
| ELISA | ▪ | | | |
| Western Blotting | ▪ | | | |

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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|---------------------------------|---|
| Target Species | Mouse |
| Product Form | 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 horseradish peroxidase (HRP) - liquid. |
| Preparation | Prepared by affinity chromatography |
| Source | <i>E.coli</i> |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.01% Thiomersal |

Approx. Protein Concentrations

Antibody concentration 1.0 mg/ml

Specificity

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.

Human anti Mouse IgG2a antibody, clone AbD24124, has been validated for use on the [Genesis Cell Isolation System with the CelSelect Slide™ technology](#).

Storage

This product is shipped frozen.

When ready to use, thaw and aliquot the sample as needed. Store aliquots at -70°C, if available, otherwise store at -20°C. It is not recommended to keep aliquots at 4°C for more than one week.

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.

Health And Safety Information

Material Safety Datasheet documentation #10094 available at: <https://www.bio-rad-antibodies.com/SDS/HCA310P>
10094

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
'M428484:240301'

Printed on 01 Mar 2024
