

Datasheet: HCA052A

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| Description: | HuCAL Fab-dHLX-MH NEGATIVE CONTROL |
| Specificity: | HuCAL Fab-dHLX-MH NEGATIVE CONTROL |
| Format: | Purified |
| Product Type: | Negative/Isotype Control |
| Clone: | AbD04652 |
| Isotype: | HuCAL Fab bivalent |
| Quantity: | 50 µg |

Product Details

RRID AB_915449

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 - Frozen | ▪ | | | |
| Immunohistology - Paraffin | ▪ | | | |
| ELISA | ▪ | | | |
| Immunoprecipitation | | | ▪ | |
| 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.

Target Species Negative Control

Product Form A bivalent human recombinant Fab selected from the HuCAL® GOLD phage display library. Expressed in E. coli and purified using NiNTA affinity chromatography. This Fab fragment is dimerized via a helix-turn-helix motif. The antibody is tagged with a myc-tag (EQKLISEEDL) and a his-tag (HHHHHH) at the C-terminus of the anti-body heavy chain.

Reconstitution Reconstitute with 0.5 ml distilled water

Preparation Metal chelate affinity chromatography

Buffer Solution Phosphate buffered saline

Preservative 0.09% Sodium Azide (NaN₃)

Stabilisers 1% Bovine Serum Albumin

Approx. Protein Concentrations Antibody concentration 0.1mg/ml following reconstitution

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| Immunogen | Green fluorescent protein |
| Specificity | <p>HuCAL Fab-dHLX-MH negative control, clone AbD04652 is a recombinant antibody with specificity for green fluorescent protein (GFP). It has no known reactivity with mammalian proteins or other antigens. It is therefore recommended as a negative control reagent when using other HuCAL antibodies of the same format.</p> <p>It is recommended that this reagent is used at the same concentration as the test reagent.</p> |
| Storage | <p>Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted.</p> |
| Shelf Life | 6 months from date of reconstitution |
| Acknowledgements | <p>Sold under license of U.S. Patents 6753136, 7785859 and 8273688 and corresponding patents. This antibody was developed by Bio-Rad, Zeppelinstr. 4, 82178 Puchheim, Germany. His-tag is a registered trademark of EMD Biosciences.</p> |
| Health And Safety Information | <p>Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf</p> |
| Licensed Use | For in vitro research purposes only, unless otherwise specified in writing by Bio-Rad. |
| Regulatory | For research purposes only |
| Technical Advice | <p>Recommended protocols and further information about HuCAL recombinant antibody technology can be found in the HuCAL Antibodies Technical Manual</p> |

Related Products

Recommended Secondary Antibodies

| | |
|---|---------------------|
| Mouse Anti Synthetic Peptide HISTIDINE TAG (MCA5995...) | HRP |
| Goat Anti Human IgG F(ab') ₂ (0500-0099...) | HRP |
| Mouse Anti Human C-MYC (MCA2200...) | HRP |

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|----------------------------------|---|------------------|---|---------------|---|
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