

Datasheet: HCA131

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| Description: | HUMAN ANTI GOAT IgG |
| Specificity: | IgG |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | AbD09077 |
| 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 | | | ▪ | |
| Immunohistology - Frozen | | | ▪ | |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | ▪ | | | 1:200 |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | | | ▪ | |
| Functional Assays | | | ▪ | |

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 | Goat |
| Species Cross Reactivity | Does not react with:Sheep |
| Product Form | A bivalent human recombinant Fab (lambda light chain) selected from the HuCAL phage display library, expressed in <i>E.coli</i> This Fab fragment is dimerized via a helix-turn-helix motif. The antibody is tagged with myc-tag (EQKLISEEDL) and a double extended Strep-tag at the C-terminus of the antibody heavy chain. This antibody is supplied liquid. |
| Preparation | StrepTactin affinity chromatography. |
| Source | <i>E.coli</i> |

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| Buffer Solution | Phosphate buffered saline. |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | Ig concentration 0.5 mg/ml. |
| Immunogen | Purified Goat IgG |
| RRID | AB_10595781 |
| Specificity | Human anti Goat IgG antibody, clone AbD09077 recognizes goat IgG. While goat and sheep IgG are immunologically very similar, This clone has been demonstrated to be specific for goat IgG and does not recognize sheep IgG. |
| ELISA | This product is suitable for use in indirect ELISA applications, together with MCA2489P as the detection reagent and PCP001 as the standard. |
| 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. |
| Health And Safety Information | Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/HCA131 10040 |
| Licensed Use | For <i>in vitro</i> . research purposes only, unless otherwise specified in writing by Bio-Rad. |
| Regulatory | For research purposes only. |
| Technical Advice | Recommended protocols and further information about HuCAL recombinant antibody technology can be found in the HuCAL Antibodies Technical Manual . This antibody contains Strep-tag and will react with streptavidin. |

Related Products

Recommended Secondary Antibodies

Mouse Anti Synthetic Peptide STREP-TAG CLASSIC (MCA2489...) [HRP](#)

Mouse Anti Human C-MYC (MCA2200...)

[ALEXA FLUOR® 488](#), [ALEXA FLUOR® 647](#), [Biotin](#), [FITC](#), [HRP](#)

Recommended Negative Controls

[HuCAL Fab-dHLX-MSx2 NEGATIVE CONTROL \(HCA102\)](#)

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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

'M431269:240704'

Printed on 04 Jul 2024

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