![Bio-Rad logo]

Datasheet: HCA258

Description:	HuCAL Fab-A-V5H NEGATIVE CONTROL
Specificity:	HuCAL Fab-A-V5H NEGATIVE CONTROL
Format:	Purified
Product Type:	Negative/Isotype Control
Clone:	AbD23509
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
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.

Target Species	Negative Control
Product Form	A bivalent human recombinant Fab (lambda light chain) selected from the HuCAL® GOLD phage display library. Expressed in *E. coli*. This Fab fragment is bivalent by dimerization of the bacterial alkaline phosphatase fusion protein. The antibody is tagged with a V5 tag and a HIS-tag (HHHHHH) at the C-terminus of the antibody heavy chain.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Thiomersal
Approx. Protein Concentrations	Antibody concentration 0.5 mg/ml
Immunogen	Green Fluorescent Protein
Specificity	**HuCAL Fab-A-V5H negative control, clone AbD23509** is a recombinant Fab antibody fragment in the format Fab-A-V5H with specificity for green fluorescent protein (GFP). It

has no known reactivity with mammalian proteins or other antigens. It has been tested by ELISA for specificity to GFP, but has not been tested in other applications. It is suggested as a negative control reagent when using other HuCAL antibodies of the same Fab format.

It is recommended that this reagent is used at the same concentration as the test reagent.

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 registered trademark of EMD Biosciences.
Health And Safety Information	Material Safety Datasheet documentation #10094 available at: 10094: https://www.bio-rad-antibodies.com/uploads/MSDS/10094.pdf
Licensed Use	For in vitro 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

Related Products

Recommended Useful Reagents

MOUSE ANTI HISTIDINE TAG:Biotin (MCA1396B)
MOUSE ANTI HISTIDINE TAG:ALK.PHOS. (MCA1396A)
MOUSE ANTI HISTIDINE TAG (MCA1396GA)
MOUSE ANTI PENTA HISTIDINE TAG:HRP (MCA5995P)
MOUSE ANTI V5-TAG:ALK. PHOS. (MCA1360A)
MOUSE ANTI V5-TAG:Biotin (MCA1360B)
MOUSE ANTI V5-TAG (MCA1360GA)
MOUSE ANTI V5-TAG:HRP (MCA1360P)

| **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
'M392327:211029'

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