

Datasheet: HCA052A647

Description:	HuCAL Fab-dHLX-MH NEGATIVE CONTROL:Alexa Fluor® 647
Specificity:	HuCAL Fab-dHLX-MH NEGATIVE CONTROL
Format:	ALEXA FLUOR® 647
Product Type:	Negative/Isotype Control
Clone:	AbD04652
Isotype:	HuCAL Fab bivalent
Quantity:	1 ml

Product Details

RRID AB_10569743

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 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. This antibody is supplied as a liquid conjugated to Alexa Fluor® 647.

Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	Alexa Fluor®647	650	665

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 0.05mg/ml

Immunogen Green fluorescent protein

Specificity **HuCAL Fab-dHLX-MH negative control, clone AbD04652** is a recombinant Fab antibody fragment in the format Fab-dHLX-MH 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 Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. This product is photosensitive and should be protected from light.

Guarantee 12 months from date of despatch.

Acknowledgements Sold under license of U.S. Patents 6753136, 7785859 and 8273688 and corresponding patents.

His-tag is a registered trademark of EMD Biosciences.

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Health And Safety Information Material Safety Datasheet documentation #10041 available at:
10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

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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](#)

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