

Datasheet: TZA003

**BATCH NUMBER 164615**

<b>Description:</b>	HuCAL Fab-F-Spy2-H NEGATIVE CONTROL ANTIBODY
<b>Specificity:</b>	HuCAL Fab-F-Spy2-H NEGATIVE CONTROL
<b>Format:</b>	Purified
<b>Product Type:</b>	Negative/Isotype Control
<b>Clone:</b>	AbD18705ad
<b>Isotype:</b>	HuCAL Fab monovalent
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Negative Control
<b>Product Form</b>	A monovalent human recombinant Fab (kappa light chain) selected from the HuCAL® phage display library. Expressed in a proprietary <i>E. coli</i> strain. The antibody is tagged with a DYKDDDDK tag, a SpyTag version 2 (VPTIVMVDAYKRYK) and a His6-tag (HHHHHH) at the C-terminus of the antibody heavy chain. This antibody is supplied as liquid.
<b>Preparation</b>	Metal chelate affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% ProClin 950
<b>Approx. Protein Concentrations</b>	Antibody concentration 0.5 mg/ml
<b>Immunogen</b>	Green fluorescent protein

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**Specificity** **HuCAL Fab-F-Spy2-H negative control, clone AbD18705ad** is a recombinant Fab antibody fragment in the format Fab-F-Spy2-H 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.

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**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.

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**Guarantee** 12 months from date of despatch

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His-tag is a registered trademark of EMD Biosciences.

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**Health And Safety Information** Material Safety Datasheet documentation #20479 available at: <https://www.bio-rad-antibodies.com/SDS/TZA003>  
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**Licensed Use** For *in vitro* research purposes only, unless otherwise specified in writing by Bio-Rad.

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**Regulatory** For research purposes only

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**Technical Advice** Recommended protocols for coupling a Fab antibody with a SpyTag to a SpyCatcher can be found at [SpyTag and SpyCatcher Products](#), and further information about HuCAL recombinant antibody technology can be found in the [HuCAL Antibodies Technical Manual](#)

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## Related Products

### Recommended Useful Reagents

[SpyCatcher2 \(TZC001\)](#)

[SpyCatcher2-CYS \(TZC001CYS\)](#)

[BiSpyCatcher2 \(TZC002\)](#)

[BiSpyCatcher2-CYS \(TZC002CYS\)](#)

[BiSpyCatcher2-CYS3 \(TZC002CYS3\)](#)

[HUMAN IgG1-FcSpyCatcher3 \(TZC009\)](#)

[MOUSE IgG2a-FcSpyCatcher3 \(TZC012\)](#)

[RABBIT IgG-FcSpyCatcher3 \(TZC013\)](#)

[HUMAN IgA-FcSpyCatcher3 \(TZC020\)](#)  
[SpyCatcher3 \(TZC025\)](#)  
[SpyCatcher3-CYS \(TZC025CYS\)](#)  
[BiSpyCatcher2:HRP \(TZC002P\)](#)  
[HUMAN IgG2-FcSpyCatcher3 \(TZC016\)](#)  
[HUMAN IgG3-FcSpyCatcher3 \(TZC017\)](#)  
[HUMAN IgG4-FcSpyCatcher3 \(TZC018\)](#)  
[HUMAN IgG4-Pro-FcSpyCatcher3 \(TZC019\)](#)  
[SpyTag3 PEPTIDE \(BLP086\)](#)

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'M414591:221212'

**Printed on 18 Jan 2024**

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