

## Datasheet: HCA092

<b>Description:</b>	HUMAN ANTI HUMAN ADAP
<b>Specificity:</b>	ADAP
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	AbD06348
<b>Isotype:</b>	HuCAL Fab bivalent
<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
Flow Cytometry			▪	
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.

<b>Target Species</b>	Human
<b>Product Form</b>	A bivalent human recombinant Fab selected from the HuCAL phage display library, expressed in <i>E. coli</i> . The antibody is tagged with a myc-tag (EQKLISEEDL) and a his-tag (HHHHHH) at the C-terminus of the antibody heavy chain. This Fab fragment is dimerized via a helix-turn-helix motif. This antibody is supplied liquid.
<b>Preparation</b>	Metal chelate affinity chromatography
<b>Source</b>	E.coli
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )

## Stabilisers

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**Approx. Protein Concentrations** 0.5 mg/ml

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**Immunogen** SH3 domain of ADAP.

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## External Database Links

**UniProt:**

[O15117](#) [Related reagents](#)

**Entrez Gene:**

[2533](#) FYB [Related reagents](#)

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**Synonyms** SLAP130

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**RRID** AB\_10841621

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## Specificity

**Human anti Human ADAP antibody, clone AbD06348** recognizes the human molecular adaptor protein adhesion- and degranulation-promoting (ADAP). Adaptor proteins are essential components of the T-cell receptor (TCR) signaling cascade, regulating gene transcription and cytoskeletal re-organisation.

ADAP is a 130 kDa molecule which interacts with several intermediates of the T-cell signaling cascade including SLP-76, FYN and VASP. The ADAP molecule is expressed on hematopoietic tissues and is reported to have multiple functions downstream of the TCR that promote optimal T lymphocyte response to antigen. In particular, ADAP is reported to function as a positive regulator of T-cell activation, LFA-1 integrin clustering following TCR ligation and T-cell adhesion.

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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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## 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](http://bio-rad.com/en-us/trademarks) for details. His-tag is a trademark of EMD Biosciences.

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## Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/HCA092>  
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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 and further information about HuCAL recombinant antibody technology can be found in the [HuCAL Antibodies Technical Manual](#).

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## Related Products

### Recommended Secondary Antibodies

Mouse Anti Synthetic Peptide HISTIDINE TAG (MCA5995...) [HRP](#)

Mouse Anti Human C-MYC (MCA2200...) [Biotin](#), [HRP](#)

Mouse Anti Synthetic Peptide HISTIDINE TAG (MCA1396...) [Biotin](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto: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](https://bio-rad-antibodies.com/datasheets)

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