

Datasheet: HCA092

**BATCH NUMBER 156298**

<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>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.01% Thiomersal

<b>Approx. Protein Concentrations</b>	0.5 mg/ml
<b>Immunogen</b>	SH3 domain of ADAP.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">O15117</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">2533</a>    FYB    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	SLAP130
<b>RRID</b>	AB_10841621
<b>Specificity</b>	<p><b>Human anti Human ADAP antibody, clone AbD06348</b> 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.</p> <p>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.</p>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	<p>Sold under license of U.S. Patents 6753136, 7785859 and 8273688 and corresponding patents. This antibody was developed by Bio-Rad, Zeppelinstr. 4, 82178 Puchheim, Germany.</p> <p>His-tag is a registered trademark of EMD Biosciences.</p>
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10094 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/HCA092">https://www.bio-rad-antibodies.com/SDS/HCA092</a>  10094</p>
<b>Licensed Use</b>	For in vitro research purposes only, unless otherwise specified in writing by Bio-Rad.
<b>Regulatory</b>	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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## 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](#)

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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](https://bio-rad-antibodies.com/datasheets)

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