

Datasheet: HCA092

Description:	HUMAN ANTI HUMAN ADAP
Specificity:	ADAP
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	AbD06348
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
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.

Target Species	Human
Product Form	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 lyophilized.
Reconstitution	Reconstitute with 1.0 ml distilled water
Preparation	Metal chelate affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin
Approx. Protein Concentrations	Ig concentration 0.1 mg/ml after reconstitution

Immunogen	SH3 domain of ADAP
External Database Links	<p>UniProt: O15117 Related reagents</p> <p>Entrez Gene: 2533 FYB Related reagents</p>
Synonyms	SLAP130
Specificity	<p>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.</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>
Storage	<p>Prior to reconstitution store at +4°C.</p> <p>After reconstitution store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended. 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>
Shelf Life	12 months from date of reconstitution
Acknowledgements	<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. His-tag is a registered trademark of EMD Biosciences.</p>
Health And Safety Information	<p>Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf</p>
Licensed Use	For in vitro research purposes only, unless otherwise specified in writing by Bio-Rad.
Regulatory	For research purposes only
Technical Advice	<p>Recommended protocols and further information about HuCAL recombinant antibody technology can be found in the HuCAL Antibodies Technical Manual</p>

Related Products

Recommended Secondary Antibodies

- Mouse Anti Synthetic Peptide HISTIDINE TAG (MCA5995...) [HRP](#)
- Mouse Anti Human C-MYC (MCA2200...) [Alk. Phos.](#), [Biotin](#), [HRP](#)
- Mouse Anti Synthetic Peptide HISTIDINE TAG (MCA1396...) [Biotin](#)

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