

Datasheet: AHP1121

Description:	GOAT ANTI HUMAN SLP-76 (N-TERMINAL)
Specificity:	SLP-76 (N-TERMINAL)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
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	▪			1/32000
Immunoprecipitation			▪	
Western Blotting	▪			0.5 - 2ug/ml

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to human SLP-76 were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	0.02% Sodium Azide 0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Peptide sequence C-ALRNVPFRSEV corresponding to the N-terminus of SLP-76

(NP_005556).

External Database**Links****UniProt:**[Q13094](#)[Related reagents](#)**Entrez Gene:**[3937](#)

LCP2

[Related reagents](#)

RRID

AB_2136893

Specificity

Goat anti Human SLP-76 antibody recognises the SH2 domain-containing leucocyte protein (SLP-76), a 76 kDa tyrosine phosphoprotein, expressed primarily by T lymphocytes and cells of the myeloid lineage.

SLP-76 is one of several adaptor proteins assisting with TCR-mediated signal transduction, through GRB2 binding, functioning as a substrate for the protein-tyrosine kinase ZAP-70 and thus playing a crucial role in both T cell ontogeny and activation. Other molecules that associate with SLP-76 include phospholipase C (PLC)-gamma, Vav, Nck and fyn binding protein.

Western Blotting

AHP1121 detects a band of approximately 75kDa in Jurkat cell lysates. A minimum incubation time of 1 hour is recommended with this antibody.

References

1. Lasserre, R. *et al.* (2011) Release of serine/threonine-phosphorylated adaptors from signaling microclusters down-regulates T cell activation. [J Cell Biol. 195 \(5\): 839-53.](#)
2. Lasserre, R. *et al.* (2010) Ezrin tunes T-cell activation by controlling Dlg1 and microtubule positioning at the immunological synapse. [EMBO J. 29: 2301-14.](#)

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10058 available at:
10058: <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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From
March

15, 2021, we will no longer supply printed datasheets with our products.
Look out for updates on how to access your digital version at bio-rad-antibodies.com

'M325584:180730'

Printed on 09 Feb 2021

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