Datasheet: AHP1003

**Description:** GOAT ANTI HUMAN LNK (N-TERMINAL)

**Specificity:** LNK (N-TERMINAL)

**Other names:** LYMPHOCYTE ADAPTOR PROTEIN

**Format:** Purified

**Product Type:** Polyclonal Antibody

**Isotype:** Polyclonal IgG

**Quantity:** 0.1 mg

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### RRID

**AB_2270411**

### 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).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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<td>0.3 - 1.0ug/ml</td>
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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

Purified IgG - liquid

### Preparation

Antisera to LNK (NT) were raised by repeated immunisation of Goat with highly purified antigen. Purified IgG prepared by affinity chromatography.

### Buffer Solution

TRIS buffered saline

### Preservative Stabilisers

- 0.02% Sodium Azide
- 0.5% Bovine Serum Albumin

### Approx. Protein Concentrations

IgG concentration 0.5mg/ml

### Immunogen

Peptide sequence NGPALQPSSPC from LNK amino-terminus.
LNK mRNA is preferentially expressed in lymph node and spleen lymphocytes and the expression of LNK in vascular endothelial cells (ECs), increases in response to TNFα. LNK acts as a negative regulator of the pro-inflammatory molecules VCAM-1 and E-selectin induced by TNFα, modulation of P13-kinase and MAPK ERK1/2 activity. LNK is also involved in the negative regulation of Thrombopoietin-mediated cell proliferation and endomitosis in hematopoietic cell lines.

Goat anti Human LNK antibody, directed against the N-terend of the molecule, detects a band of approximately 70 kDa in human MOLT4 cell lysates. (Predicted Mwt. 63.2 kDa). A band of 68 kDa was resolved in HUVECs (Fitau et al. 2006).

Suitable antibodies for loading controls include :

Human anti Human actin β, HCA147 or Rat anti tubulin α, MCA77G.

References

Further Reading

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

**Guarantee**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

Rabbit Anti Goat IgG (Fc) (STAR122...) *FITC, HRP*

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