

## Datasheet: AHP733

**BATCH NUMBER 160128R**

<b>Description:</b>	GOAT ANTI HUMAN CSK (C-TERMINAL)
<b>Specificity:</b>	CSK (C-TERMINAL)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<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 (1)	▪			0.1ug/ml - 0.3ug/ml
ELISA	▪			>1/32,000
Immunoprecipitation			▪	
Western Blotting	▪			0.5ug/ml - 2.0ug/ml

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

**(1)This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.  
TRIS/EDTA buffer pH 9.0 is recommended for this purpose.**

### Target Species

Human

### Species Cross Reactivity

Reacts with: Rat, Mouse

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

<b>Antiserum Preparation</b>	Antisera to human CSK (CT) were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide 0.5% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Peptide sequence EQLEHIKTHELHL corresponding to the C-terminal region of CSK (NP_004374.1).
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P41240</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">1445</a> CSK    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_2229819
<b>Specificity</b>	<p><b>Goat anti Human CSK antibody</b> recognizes an epitope within the C-terminal (CT) region of CSK, also known as c-src tyrosine kinase, Tyrosine-protein kinase CSK, p50<sup>CSK</sup> or Protein-tyrosine kinase CYL. CSK is a cytoplasmic tyrosine kinase ubiquitously expressed as two mRNA species (<a href="#">Partanen et al. 1991</a>), which down-regulates the activity of the c-src oncoprotein (<a href="#">Chong et al. 2005</a>).</p> <p>CSK is expressed in lung tissues and by macrophages and is highly conserved across species suggesting a role in important regulatory functions (<a href="#">Bräuninger et al. 1992</a>).</p>
<b>Histology Positive Control Tissue</b>	Human Tonsil
<b>Western Blotting</b>	AHP733 detects a band of approximately 50kDa in Jurkat cell lysates.
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>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.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10058 available at:

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

### Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

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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://www.bio-rad-antibodies.com/datasheets)

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