

## Datasheet: AHP733

<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

**Antiserum Preparation** Antisera to human CSK (CT) were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.

---

**Buffer Solution** TRIS buffered saline

---

**Preservative** <0.1% Sodium Azide (NaN<sub>3</sub>)  
**Stabilisers** 0.5% Bovine Serum Albumin

---

**Approx. Protein Concentrations** IgG concentration 0.5 mg/ml

---

**Immunogen** Peptide sequence EQLEHIKTHELHL corresponding to the C-terminal region of CSK (NP\_004374.1).

---

**External Database Links**

**UniProt:**

[P41240](#)    [Related reagents](#)

**Entrez Gene:**

[1445](#) CSK    [Related reagents](#)

---

**RRID** AB\_2229819

---

**Specificity** **Goat anti Human CSK antibody** 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 ([Partanen \*et al.\* 1991](#)), which down-regulates the activity of the c-src oncoprotein ([Chong \*et al.\* 2005](#)).

CSK is expressed in lung tissues and by macrophages and is highly conserved across species suggesting a role in important regulatory functions ([Bräuninger \*et al.\* 1992](#)).

---

**Histology Positive Control Tissue** Human Tonsil

---

**Western Blotting** AHP733 detects a band of approximately 50kDa in Jurkat cell lysates.

---

**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

---

**Guarantee** 12 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>

---

## Related Products

### Recommended Secondary Antibodies

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

### Recommended Useful Reagents

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

**North & South** Tel: +1 800 265 7376

**Worldwide**

Tel: +44 (0)1865 852 700

**Europe**

Tel: +49 (0) 89 8090 95 21

**America** Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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)

'M396041:220608'

Printed on 08 Jun 2022

---