

Datasheet: AHP733

Description:	GOAT ANTI HUMAN CSK (C-TERMINAL)
Specificity:	CSK (C-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 (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.
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	0.02% Sodium Azide
Stabilisers	0.5% Bovine Serum Albumin
Approx. Protein	IgG concentration 0.5 mg/ml

Concentrations

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](#)

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^{CSK} 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

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.

Shelf Life

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](#)

Recommended Useful Reagents

[HISTAR DETECTION SYSTEM \(STAR3000B\)](#)

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

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

'M274689:150826'

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

Printed on 01 May 2018

© 2018 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)