




Product datasheet

Anti-CSK antibody - C-terminal ab186069

2 Images

Overview

Product name	Anti-CSK antibody - C-terminal
Description	Rabbit polyclonal to CSK - C-terminal
Host species	Rabbit
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Cat, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
Immunogen	<p>Synthetic peptide within Human CSK aa 400 to the C-terminus (C terminal). The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <u>contact</u> our Scientific Support team to discuss your requirements.</p> <p>Database link: <u>P41240</u></p> <p style="text-align: right;">  <u>Run BLAST with</u>  <u>Run BLAST with</u> </p>
Positive control	293T, Jurkat, mouse TCMK-1 and mouse NIH3T3 whole cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: 99% Tris citrate/phosphate</p> <p>pH: 7-8</p>

Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

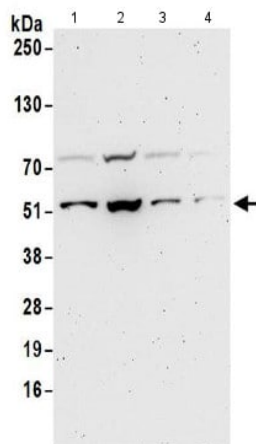
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab186069 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at 2-10 µg/mg of lysate.
WB		1/2000 - 1/10000. Predicted molecular weight: 50 kDa.

Target

Function	Specifically phosphorylates 'Tyr-504' on LCK, which acts as a negative regulatory site. Can also act on the LYN and FYN kinases.
Tissue specificity	Expressed in lung and macrophages.
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. CSK subfamily. Contains 1 protein kinase domain. Contains 1 SH2 domain. Contains 1 SH3 domain.
Post-translational modifications	Autophosphorylation of Tyr-304 occurs only at abnormally high CSK concentrations in vitro.
Cellular localization	Cytoplasm. Cell membrane. Mainly cytoplasmic, also present in lipid rafts.

Images



Western blot - Anti-CSK antibody - C-terminal (ab186069)

All lanes : Anti-CSK antibody - C-terminal (ab186069) at 0.1 µg/ml

Lane 1 : 293T whole cell lysate

Lane 2 : Jurkat whole cell lysate

Lane 3 : Mouse TCMK-1 whole cell lysate

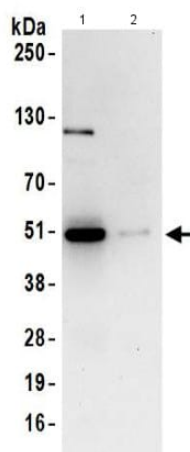
Lane 4 : Mouse NIH3T3 whole cell lysate

Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

Predicted band size: 50 kDa

Exposure time: 3 minutes



Immunoprecipitation - Anti-CSK antibody - C-terminal (ab186069)

Immunoprecipitation of CSK from Jurkat whole cell lysate by ab186069 at 1 µg/mg lysate (lane 1). 1 mg of Jurkat whole cell lysate was used, 20% of immunoprecipitate was loaded. Lane 2: IgG control. Detection: chemiluminescence. Exposure time: 10 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors