


Product datasheet

Anti-CSK antibody ab744

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概述

产品名称	Anti-CSK抗体
描述	山羊多克隆抗体to CSK
宿主	Goat
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Cow, Dog 
免疫原	Synthetic peptide corresponding to Human CSK aa 438-450 (C terminal). Sequence: C-EQLEHIKTHELHL (Peptide available as ab19039) Run BLAST with Run BLAST with
阳性对照	Jurkat cell lysate, Human colon tissue.
常规说明	GenBank Accession Number – NP_004374.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris-saline. pH 7.3
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab744** in the following tested applications.

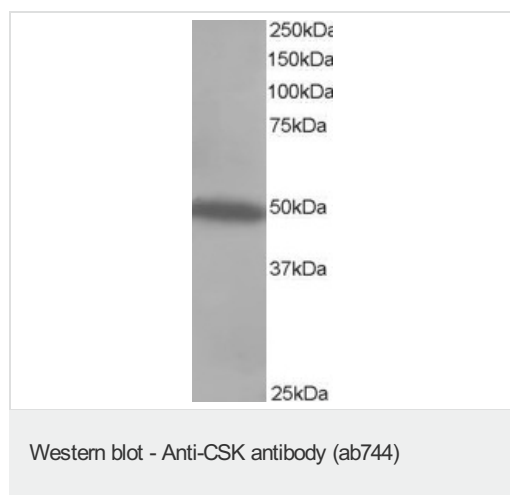
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab 评论	说明
WB		Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 52 kDa). Can be blocked with Human CSK peptide (ab19039) .
IHC-P		Use at an assay dependent concentration.

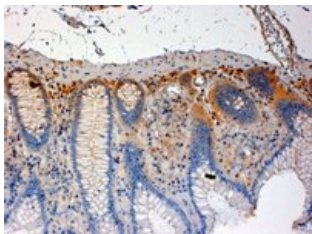
靶标

功能	Specifically phosphorylates 'Tyr-504' on LCK, which acts as a negative regulatory site. Can also act on the LYN and FYN kinases.
组织特异性	Expressed in lung and macrophages.
序列相似性	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.
翻译后修饰	Autophosphorylation of Tyr-304 occurs only at abnormally high CSK concentrations in vitro.
细胞定位	Cytoplasm. Cell membrane. Mainly cytoplasmic, also present in lipid rafts.

图片

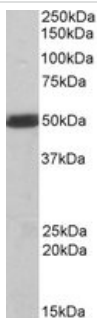


ab744 staining (0.5µg/ml) of Jurkat lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence. ab744 staining (0.5µg/ml) of Jurkat lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CSK antibody (ab744)

ab744 at 4µg/ml staining CSK in Human Colon by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



Western blot - Anti-CSK antibody (ab744)

Anti-CSK antibody (ab744) at 1 µg/ml + Mouse spleen lysate in RIPA buffer at 35 µg

Developed using the ECL technique.

Predicted band size: 52 kDa

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