

## CSK mouse mAb

<b>Catalog No :</b>	YM1308
<b>Reactivity :</b>	Human;Rat
<b>Applications :</b>	WB;ICC
<b>Target :</b>	CSK
<b>Fields :</b>	>>Epithelial cell signaling in Helicobacter pylori infection
<b>Gene Name :</b>	csk
<b>Human Gene Id :</b>	1445
<b>Human Swiss Prot No :</b>	P41240
<b>Mouse Swiss Prot No :</b>	P41241
<b>Immunogen :</b>	Purified recombinant human CSK protein fragments expressed in E.coli.
<b>Specificity :</b>	This antibody detects endogenous levels of CSK and does not cross-react with related proteins.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	wb 1:1000 icc 1:50
<b>Purification :</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	50kD

**Cell Pathway :** Chemokine;Neurotrophin;Regulates Actin and Cytoskeleton;Epithelial cell signaling in Helicobacter pylori infection;

**Background :** catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Specifically phosphorylates 'Tyr-504' on LCK, which acts as a negative regulatory site. Can also act on the LYN and FYN kinases.,PTM:Autophosphorylation of Tyr-304 occurs only at abnormally high CSK concentrations in vitro.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. CSK subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SH3 domain.,subcellular location:Mainly cytoplasmic, also present in lipid rafts.,subunit:Interacts with PTPN8 (By similarity). Interacts with phosphorylated SIT1, PAG1, LIME1 and TGFB111.,tissue specificity:Expressed in lung and macrophages.,

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**Subcellular Location :** Cytoplasm . Cell membrane . Mainly cytoplasmic, also present in lipid rafts. .

**Expression :** Expressed in lung and macrophages.

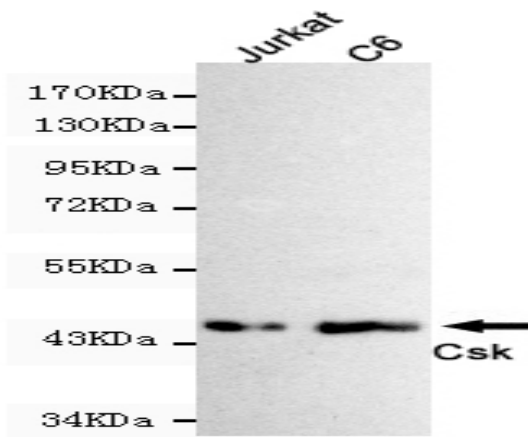
**Sort :** 4616

**No4 :** 1

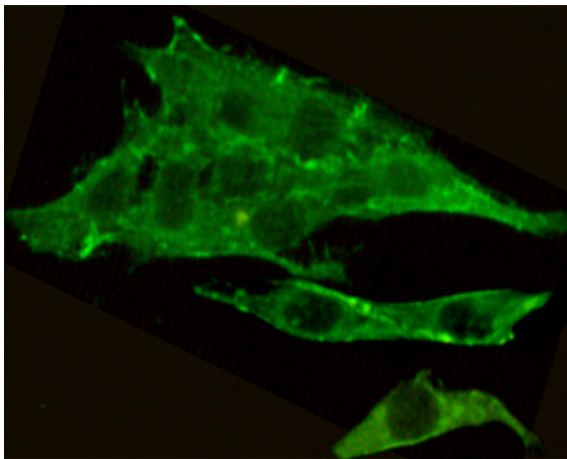
**Host :** Mouse

**Modifications :** Unmodified

## Products Images



Western blot detection of CSK in C6 and Jurkat cell lysates using CSK mouse mAb (1:1000 diluted). Predicted band size: 50KDa. Observed band size: 50KDa.



Immunocytochemistry staining of C6 cells fixed by anhydrous methanol for 2 h at -20°C and using anti-CSK mouse mAb (dilution 1:50).