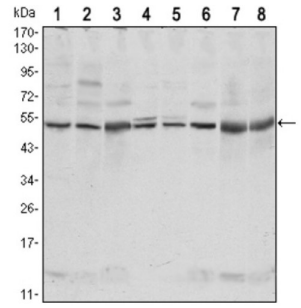
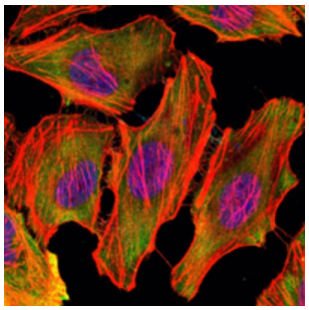
Tyrosine-Protein Kinase CSK (CSK) Antibody

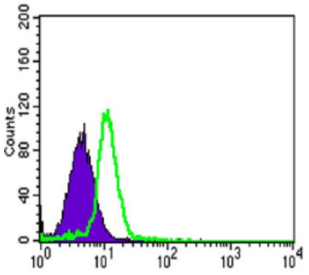
Catalogue No.:abx015831



Western blot analysis using CSK antibody against NIH/3T3 (1), Hela (2), COS7 (3), Jurkat (4), Raw246.7 (5), A549 (6), HL-60 (7) and PC-12 (8) cell lysate.



Immunofluorescence analysis of U251 cells using CSK antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.



Flow cytometric analysis of HL-60 cells using CSK antibody (green) and negative control (purple).

Carboxy-terminal Src kinase (Csk) is a ubiquitously expressed nonreceptor tyrosine kinase that negatively regulates the Src family kinases (SFK) by phosphorylation of the SFK carboxy-terminal tyrosine.Phosphorylated carboxy-terminal tyrosine binds to the SH2 domain of SFK intramolecularly and leads to folding and inactivation of the SFK.This Csk-catalyzed SFK tyrosine phosphorylation is highly specific and exclusive.The SFK carboxy-terminal tyrosine is the only known physiological substrate of Csk.Tissue specificity: Expressed in lung and macrophages.

Target:	Tyrosine-Protein Kinase CSK (CSK)
Clonality:	Monoclonal
Reactivity:	Human, Mouse, Monkey, Rat
Tested Applications:	ELISA, WB, IF/ICC, FCM
Host:	Mouse

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Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human CSK expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
GeneID:	1445
Molecular Weight:	50 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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