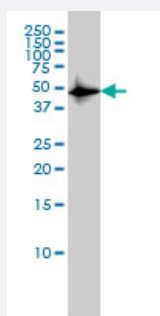


CSK monoclonal antibody (M01), clone 3A3

Catalog # H00001445-M01

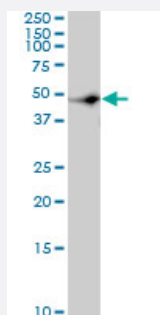
Size 100 ug

Applications



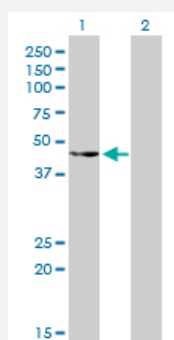
Western Blot (Cell lysate)

CSK monoclonal antibody (M01), clone 3A3 Western Blot analysis of CSK expression in HL-60 (Cat # L014V1).



Western Blot (Cell lysate)

CSK monoclonal antibody (M01), clone 3A3. Western Blot analysis of CSK expression in HeLa S3 NE (Cat # L013V3).

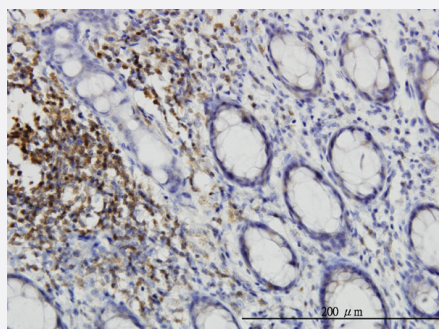


Western Blot (Transfected lysate)

Western Blot analysis of CSK expression in transfected 293T cell line by CSK monoclonal antibody (M01), clone 3A3.

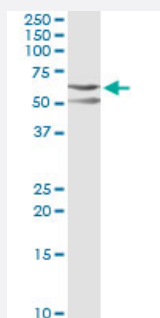
Lane 1: CSK transfected lysate(50.7 KDa).

Lane 2: Non-transfected lysate.



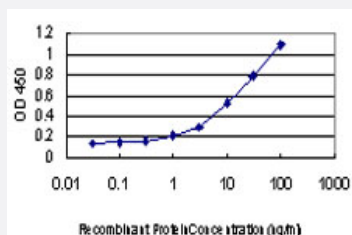
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CSK on formalin-fixed paraffin-embedded human colon. [antibody concentration 1 ug/ml]



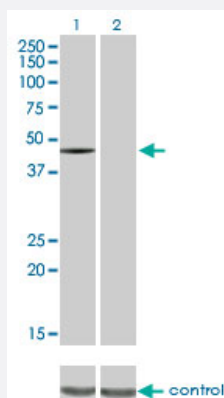
Immunoprecipitation

Immunoprecipitation of CSK transfected lysate using anti-CSK monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CSK MaxPab rabbit polyclonal antibody.



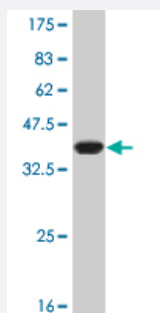
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CSK is approximately 0.1ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of CSK over-expressed 293 cell line, cotransfected with CSK Validated Chimera RNAi (Cat # H00001445-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with CSK monoclonal antibody (M01) clone 3A3 (Cat # H00001445-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CSK.

Immunogen

CSK (NP_004374, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence	MSAIQAAWPSGTECIAKYNFHGTAEQDLPFCKGDVLTIVAVTKDPNWKAKNKGREGIIPANYVQ KREGVKAGTKLSLMPWFHGKITREQAERLLYPPE
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CSK monoclonal antibody (M01), clone 3A3 Western Blot analysis of CSK expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

CSK monoclonal antibody (M01), clone 3A3. Western Blot analysis of CSK expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CSK expression in transfected 293T cell line by CSK monoclonal antibody (M01), clone 3A3.

Lane 1: CSK transfected lysate(50.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CSK on formalin-fixed paraffin-embedded human colon. [antibody concentration 1 ug/ml]

[Protocol Download](#)

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Immunoprecipitation of CSK transfected lysate using anti-CSK monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CSK MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

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[Protocol Download](#)

- ELISA

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Western blot analysis of CSK over-expressed 293 cell line, cotransfected with CSK Validated Chimera RNAi (Cat # H00001445-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with CSK monoclonal antibody (M01) clone 3A3 (Cat # H00001445-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — CSK

Entrez GeneID [1445](#)

GeneBank Accession# [NM_004383](#)

Protein Accession# [NP_004374](#)

Gene Name CSK

Gene Alias MGC117393

Gene Description c-src tyrosine kinase

Omim ID [124095](#)

Gene Ontology [Hyperlink](#)

Other Designations -

Publication Reference

- [Targeted Deep Sequencing in Multiple-Affected Sibships of European Ancestry Identifies Rare Deleterious Variants in PTPN22 that Confer Risk for Type 1 Diabetes.](#)

Ge Y, Onengut-Gumuscu S, Quinlan AR, Mackey AJ, Wright JA, Buckner JH, Habib T, Rich SS, Concannon P.

Diabetes 2016 Mar; 65(3):794.

Application: WB-Ce, Human, B-lymphoblastoid cells

Pathway

- [Chemokine signaling pathway](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Neurotrophin signaling pathway](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypertension](#)
- [Lymphoproliferative Disorders](#)
- [Metabolic Syndrome X](#)
- [Myelodysplastic Syndromes](#)

- [Neoplasms](#)
- [Osteoporosis](#)