Mouse anti-Human CSK Monoclonal Antibody | anti-CSK antibody

CSK (Tyrosine-protein Kinase CSK, C-SRC Kinase, Protein-tyrosine Kinase CYL) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24769	**Mouse**	**Human**	**ELISA, Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

CSK; Monoclonal Antibody; CSK (Tyrosine-protein Kinase CSK; C-SRC Kinase; Protein-tyrosine Kinase CYL) (Biotin); anti-CSK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3A3
Specificity	Recognizes human CSK.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-CSK antibody	ELISA, IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IHC-P: 1ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa1-100 from human CSK (NP_004374) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSAIQAAWPSGTECIAKYNFHGTAEQDLPFCKGDVLTIVAVTKDPNWYKAKNKVGREGIIPANYVQKREGVKAGTKLSLMPWFHGKITREQAERLLYPPE
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

WB (Western Blot)
CSK monoclonal antibody. Western Blot analysis of CSK expression in Hela NE.

WB (Western Blot)
Western Blot analysis of CSK expression in transfected 293T cell line by CSK monoclonal antibody. Lane 1: CSK transfected lysate (50.7kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
Western blot analysis of CSK over-expressed 293 cell line, cotransfected with CSK Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with CSK monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.

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

IP (Immunoprecipitation)
Immunoprecipitation of CSK transfected lysate using CSK monoclonal antibody and Protein A Magnetic Bead and immunoblotted with CSK rabbit polyclonal antibody.

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

ADDITIONAL INFORMATION

Product Categories/Family for anti-CSK antibody	Antibodies; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758078
NCBI GeneID	1445
NCBI Accession #	NP_004374
NCBI GenBank Nucleotide #	NM_004383
UniProt Accession #	P41240
Molecular Weight	51kDa
NCBI Official Full Name	tyrosine-protein kinase CSK
NCBI Official Synonym Full Names	C-terminal Src kinase
NCBI Official Symbol	CSK
NCBI Protein Information	tyrosine-protein kinase CSK
UniProt Protein Name	Tyrosine-protein kinase CSK
UniProt Gene Name	**CSK**
UniProt Entry Name	CSK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/csk-antibody-clone-3a3-immunohistochemistry-immunoprecipitation-western-blot-elisa/24769