

## Lsk rabbit pAb

Cat No.: ES6193

For research use only

## Overview

Purification

Product Name Lsk rabbit pAb

Host species Rabbit

Applications WB;IHC;IF;ELISA Species Cross-Reactivity Human;Mouse;Rat

**Recommended dilutions** Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

**Immunogen** Synthesized peptide derived from the Internal

region of human Lsk.

**Specificity** Lsk Polyclonal Antibody detects endogenous levels

of Lsk protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Megakaryocyte-associated tyrosine-protein kinase

Gene Name MATK

Cytoplasm . Membrane . In platelets, 90% of MATK

localizes to the membrane fraction, and translocates to the cytoskeleton upon thrombin stimulation.

The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 56kD
Human Gene ID 4145
Human Swiss-Prot Number P42679

Alternative Names MATK; CTK; HYL; Megakaryocyte-associated

tyrosine-protein kinase; CSK homologous kinase; CHK; Hematopoietic consensus tyrosine-lacking kinase; Protein kinase HYL; Tyrosine-protein kinase

CTK

**Background** The protein encoded by this gene has amino acid

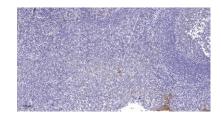


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sequence similarity to Csk tyrosine kinase and has the structural features of the CSK subfamily: SRC homology SH2 and SH3 domains, a catalytic domain, a unique N terminus, lack of myristylation signals, lack of a negative regulatory phosphorylation site, and lack of an autophosphorylation site. This protein is thought to play a significant role in the signal transduction of hematopoietic cells. It is able to phosphorylate and inactivate Src family kinases, and may play an inhibitory role in the control of T-cell proliferation. This protein might be involved in signaling in some cases of breast cancer. Three alternatively spliced transcript variants that encode different isoforms have been described for this gene. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).





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