
MATK (9D7) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252922

Unit: 0.1 ml

Description:

MATK (Megakaryocyte-associated tyrosine kinase) is a tyrosine protein kinase. MATK has amino acid 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.

Isotype: Mouse IgG1

Applications: WB, FC

Species Reactivity: H

Format: Each vial contains 0.1 ml IgG in PBS pH7.4, 50% glycerol with 0.03% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Megakaryocyte-associated tyrosine-protein kinase; CSK homologous kinase; CHK; Hematopoietic consensus tyrosine-lacking kinase; Protein kinase HYL; Tyrosine-protein kinase CTK; CTK; HYL; MATK

Accession No.: P42679

Antigen: Purified recombinant fragment of human MATK expressed in E. coli.

Application Notes: WB: 1:500-1:2000; FC: 1:200-1:400;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.