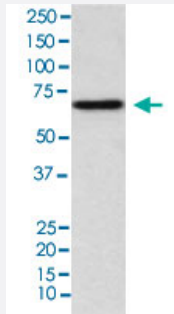


# ITK monoclonal antibody, clone ACAB-9

Catalog # MAB22139      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of human ITK.
<b>Immunogen</b>	A synthetic peptide corresponding to human ITK.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Specificity</b>	The antibody reacts with human ITK, in native form and recombinant. Superfamily members of ITK are not reactive to this antibody.
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Flow Cytometry (1:60) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

**Storage Instruction**

Store at 4°C for short term storage. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate.

- Immunohistochemistry

- Flow Cytometry

## Gene Info — ITK

**Entrez GeneID**[3702](#)**Protein Accession#**[Q08881](#)**Gene Name**

ITK

**Gene Alias**

EMT, LYK, MGC126257, MGC126258, PSCTK2

**Gene Description**

IL2-inducible T-cell kinase

**Omim ID**[186973](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes an intracellular tyrosine kinase expressed in T-cells. The protein contains both SH2 and SH3 domains which are often found in intracellular kinases. It is thought to play a role in T-cell proliferation and differentiation. [provided by RefSeq]

**Other Designations**

homolog of mouse T-cell itk/tsk|tyrosine-protein kinase ITK/TSK|tyrosine-protein kinase LYK

## Pathway

- [Chemokine signaling pathway](#)

- [Leukocyte transendothelial migration](#)

- [T cell receptor signaling pathway](#)

## Disease

- [Asthma](#)
- [Celiac Disease](#)
- [Eczema](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)