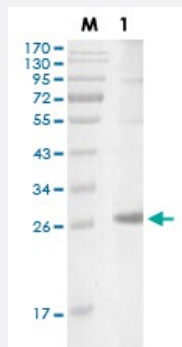


# ITK monoclonal antibody, clone 5G12C4

Catalog # MAB17685      Size 100 uL

## Applications



### Western Blot (Recombinant protein)

Western blot analysis of truncated Trx-ITK recombinant protein.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against recombinant human ITK.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 2-110 of human ITK from <i>E. coli</i> .
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgG1
<b>Recommend Usage</b>	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In ascites (0.03% sodium azide).

**Storage Instruction**

Store at 4°C. 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 (Recombinant protein)

Western blot analysis of truncated Trx-ITK recombinant protein.

## Gene Info — ITK

Entrez GeneID	<a href="#">3702</a>
Gene Name	ITK
Gene Alias	EMT, LYK, MGC126257, MGC126258, PSCTK2
Gene Description	IL2-inducible T-cell kinase
Omim ID	<a href="#">186973</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)