

RecomAb™

# ITK recombinant monoclonal antibody, clone R04-8H3

Catalog # RAB06417      Size 100 uL

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ITK.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against protein corresponding to full length human ITK.
Theoretical MW (kDa)	Calculated MW: 72 kD
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50-1:100) Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% 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
- Immunoprecipitation

## Gene Info — ITK

Entrez GeneID	<a href="#">3702</a>
Protein Accession#	<a href="#">Q08881</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](#)