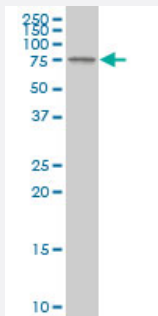


ITK polyclonal antibody (A01)

Catalog # H00003702-A01

Size 50 uL

Applications



Western Blot (Cell lysate)

ITK polyclonal antibody (A01), Lot # 051130JC01 Western Blot analysis of ITK expression in Y-79 (Cat # L042V1).

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ITK.
Immunogen	ITK (NP_005537, 1 a.a. ~ 111 a.a) partial recombinant protein with GST tag.
Sequence	MNNFILLEEQLIKKSQQKRRTSPSNFKVRFFVLTKASLAYFEDRHGKKRTLKGSIELSRIKCVEIVKS DISIPCHYKYPFQVVHDNYLLYVFAPDRESRQRWVLALKEETR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (92)
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ITK polyclonal antibody (A01), Lot # 051130JC01 Western Blot analysis of ITK expression in Y-79 (Cat # L042V1).

[Protocol Download](#)

- ELISA

Gene Info — ITK

Entrez GeneID [3702](#)

GeneBank Accession# [NM_005546](#)

Protein Accession# [NP_005537](#)

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](#)