

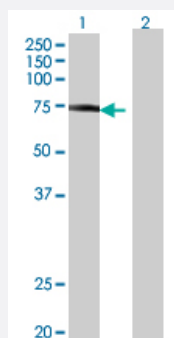
MaxPab®

ITK MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003702-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ITK expression in transfected 293T cell line ([H00003702-T01](#)) by ITK MaxPab polyclonal antibody.

Lane 1: ITK transfected lysate (68.2 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ITK protein.

Immunogen

ITK (AAI09078.1, 1 a.a. ~ 620 a.a) full-length human protein.

Sequence

MNNFILLEEQLIKKSQQKRRTSPSNFKVRFFVLTKASLAYFEDRHGKKRTLKGSIELSRIKCVETKS
DISIPCHYKYPFQVVHDNYLLVFAPDRESRQRWVLALKEETRNNSLVPKYHPNFWMDGKWRC
CSQLEKLATGCAQYDPTKNASKKPLPTPEDNRRPLWEPEETVVIALYDYQTNDPQELALRRNEE
YCLLDSSIEHWWRVQDRNGHEGYVPSSYLVEKSPNNLETYEWYNKSISRDKAEKLLLDTGKEGAF
MVRDSRTAGTYTVSVFTKAVVSENNPCIKHYHIKETNDNPKRYVVAEKYVFDSPILLINYHQHNGGG
LVTRLRYPVCFGRQKAPVTAGLRYGKWVIDPSELTFVQEIGSGQFGLVHLGYWLNKDKVAIKTIRE
GAMSEEDFIEEA EVMMLKLSHPKLVQLYGVCLQAPICLVFEFMEHGCLSDYLRTQRGLFAAETLL
GMCLDVCEGMAYLEEACVIHRDLAARNCLVGENQVIKVSDFGMTRFVLDQYTSSTGTFPVKW
ASPEVFSFSRYSSKSDVWSFGVLMWEVFSEGKIPYENRSNSEVVEDISTGFRLYKPRLASTHVYQ
IMNHCWKERPEDRPAFSRLLRQLAEIAESGL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (93); Rat (94)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

Gene Info — ITK

Entrez GeneID	3702
GeneBank Accession#	NM_005546.3
Protein Accession#	AAI09078.1
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](#)