ITK Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	ITK, Polyclonal Antibody
Full Product Name	ITK Polyclonal Antibody
Product Gene Name	anti-ITK antibody
Product Synonym Names	ITK EMT LYK
Clonality	Polyclonal
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
OMIM	gene 613011
3D Structure	ModBase 3D Structure for Q08881
Immunogen	Synthesized peptide derived from human ITK
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-ITK antibody	MBS8537539 is an antibody targeting ITK. Also known as ITK Polyclonal Antibody. Reactive in Human, Mouse. This antibody detects endogenous levels of human ITK
Other Notes	Small volumes of anti-ITK antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ITK. It may not necessarily be applicable to this product.

NCBI GI #	585361
NCBI GeneID	3702
NCBI Accession #	Q08881.1
UniProt Primary Accession #	Q08881
UniProt Related Accession #	Q08881
NCBI Official Full Name	Tyrosine-protein kinase ITK/TSK
NCBI Official Synonym Full Names	IL2 inducible T cell kinase
NCBI Official Symbol	ITK
NCBI Official Synonym Symbols	EMT; LYK; LPFS1; PSCTK2
UniProt Protein Name	Tyrosine-protein kinase ITK/TSK
UniProt Synonym Protein Names	Interleukin-2-inducible T-cell kinase; IL-2-inducible T-cell kinase; Kinase EMT; T-cell-specific kinase; Tyrosine-protein kinase Lyk
Protein Family	Tyrosine-protein kinase
UniProt Gene Name	ITK
UniProt Synonym Gene Names	EMT; LYK; IL-2-inducible T-cell kinase

UniProt Entry Name	ITK_HUMAN
NCBI Protein Information	tyrosine-protein kinase ITK/TSK
NCBI Summary for ITK	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, Jul 2008]
Research Articles on ITK	**1.** ITK signalling through the Ras/IRF4 pathway is required for functional development of type 1 regulatory T cells.
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