



Mouse anti-Human ITK polyclonal antibody (DPAB-DC1750)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	ITK (NP_005537, 1 a.a. ~ 111 a.a) partial recombinant protein with GST tag. The sequence is MNNFILLEEQLIKKSQQKRRTSPSNFKVRFFVLTKASLAYFEDRHGKKRTLKGSIELSRI KCVEIVKSDISIPCHYKYPFQVVHDNYLLYVFAPDRESRQRWWLALKEETR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [ITK IL2-inducible T-cell kinase \[Homo sapiens \(human\) \]](#)

Official Symbol	ITK
Synonyms	ITK; IL2-inducible T-cell kinase; EMT; LYK; LPFS1; PSCTK2; tyrosine-protein kinase ITK/TSK; kinase EMT; T-cell-specific kinase; tyrosine-protein kinase LYK; IL-2-inducible T cell kinase; IL-2-inducible T-cell kinase; homolog of mouse T-cell itk/tsk; interleukin-2-inducible T cell kinase; interleukin-2-inducible T-cell kinase;
Entrez Gene ID	3702
Protein Refseq	NP_005537
UniProt ID	Q08881
Chromosome Location	5q31-q32
Pathway	Adaptive Immune System; Chemokine signaling pathway; Class I PI3K signaling events; Fc epsilon receptor (FCERI) signaling
Function	ATP binding; metal ion binding; non-membrane spanning protein tyrosine kinase activity; protein binding