

Anti-ITK Antibody (8U484)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 72 kDa. Actual: 72 kDa.
Clone:	8U484
Purification:	Protein A purified

Applications

Verified Activity:	1. Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with ITK Monoclonal Antibody, Unconjugated (TMAB-07837) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
	2. Paraformaldehyde-fixed, paraffin embedded Human Lymph; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with ITK Monoclonal Antibody, Unconjugated (TMAB-07837) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
Application:	IHC-P,IHC-Fr,FCM,IF
Recommended	IHC-P: 1:50-200; IHC-Fr: 1:50-200; FCM: 1:50-100; IF: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human ITK
Antigen Species:	Human
Gene ID:	3702
Uniprot ID:	Q08881

Research Background

Interleukin-2 inducible T-cell kinase (Itk, Emt or Tsk) is a member of the non-receptor protein tyrosine kinases. Family members of Itk include Tec, Btk, Rlk and Bmx and are all defined by a common structure: an amino-terminal PH domain, a Tec-homology domain and a SH3 and SH2 domain followed by a carboxy-terminal kinase domain. Tec, Rlk and Itk are expressed in T cells and activated in response to T cell receptor (TCR) engagement.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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