# ITK Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | Itk, Polyclonal Antibody |
| **Full Product Name** | Itk (Tyrosine-Protein Kinase ITK/TSK, IL-2-inducible T-Cell Kinase, Kinase EMT, Kinase TLK, T-Cell-specific Kinase, Itk, Emt, Tlk, Tsk) (FITC) |
| **Product Gene Name** | anti-Itk antibody |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Mouse |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC). |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Specificity** | Recognizes mouse Itk. Species Crossreactivity: mouse |
| **Preparation and Storage** | Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. |
| **Molecular Weight** | 72,292 Da |
| **Chromosome Location** | Chromosome: 11; NC_000077.6 (46325150..46389515, complement). Location: 11 B1.1; 11 27.75 cM |
| **3D Structure** | ModBase 3D Structure for Q03526 |
| **Immunogen** | KLH conjugated synthetic peptide corresponding to aa156-190 at the N-terminal region of human Mouse Itk. Species sequence homology: human |
| **Conjugate** | FITC |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-Itk antibody** | Antibodies; Protein Kinases |
| **Applications Tested/Suitable for anti-Itk antibody** | Western Blot (WB) |
| **Application Notes for anti-Itk antibody** | WB: 1:1000<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-Itk antibody** | MBS6456726 is an antibody targeting Itk. Also known as Itk (Tyrosine-Protein Kinase ITK/TSK, IL-2-inducible T-Cell Kinase, Kinase EMT, Kinase TLK, T-Cell-specific Kinase, Itk, Emt, Tlk, Tsk) (FITC). Reactive in Mouse. Host: Rabbit. |
| **Product References and Citations for anti-Itk antibody** | Siliciano J.D., et al. Proc. Natl. Acad. Sci. U.S.A. 89:11194-11198(1992). Heyeck S.D., et al. Proc. Natl. Acad. Sci. U.S.A. 90:669-673(1993). Yamada N., et al. Biochem. Biophys. Res. Commun. 192:231-240(1993). Ogata M., et al. Submitted (JAN-1993) to the EMBL/GenBank/DDBJ databases. Liao X.C., et al. Immunity 3:757-769(1995). |
| **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 #** | 119703751 |
| **NCBI GeneID** | 16428 |
| **NCBI Accession #** | NP_034713.2 |
| **UniProt Primary Accession #** | Q03526 |
| **UniProt Secondary Accession #** | Q08881 |
| **UniProt Related Accession #** | Q03526 |
| **GenBank Nucleotide #** | NM_010583.2 |
| **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; Tsk; Tcsk |
| **UniProt Protein Name** | Tyrosine-protein kinase ITK/TSK |
| **UniProt Synonym Protein Names** | IL-2-inducible T-cell kinase; Kinase EMT; Kinase TLK; T-cell-specific kinase |
| **Protein Family** | Tyrosine-protein kinase |
| **UniProt Gene Name** | Itk |
| **UniProt Synonym Gene Names** | Emt; Tlk; Tsk |
| **UniProt Entry Name** | ITK_MOUSE |
| **NCBI Protein Information** | tyrosine-protein kinase ITK/TSK; kinase EMT; kinase TLK; T-cell-specific kinase; IL2-inducible T-cell kinase; IL-2-inducible T-cell kinase; interleukin-2-inducible T cell kinase |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
| **Disclaimer** | While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice.<br><br>It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information. |
| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-mouse-antibody/itk/6456726