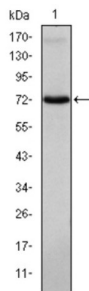
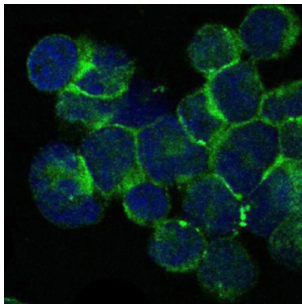


## Tyrosine-Protein Kinase ITK/TSK (ITK) Antibody

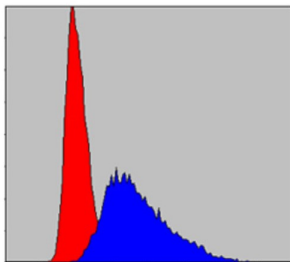
Catalogue No.: abx015901



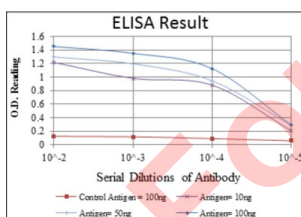
Western blot analysis using ITK antibody against human ITK (AA: 2-120) recombinant protein. (Expected MW is 39.7 kDa).



Western blot analysis using ITK antibody against Jurkat cell lysate.



Immunofluorescence analysis of Jurkat cells using ITK antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Jurkat cells using ITK antibody (blue) and negative control (red).

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.

**Target:** Tyrosine-Protein Kinase ITK/TSK (ITK)

**Clonality:** Monoclonal

# Datasheet

Version: 2.0.0  
Revision date: 18 Mar 2025



|                        |                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity:            | Human                                                                                                                                                  |
| Tested Applications:   | ELISA, WB, IF/ICC, FCM                                                                                                                                 |
| Host:                  | Mouse                                                                                                                                                  |
| Recommended dilutions: | ELISA: 1/10000, WB: 1/500 - 1/2000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation:           | Unconjugated                                                                                                                                           |
| Immunogen:             | Purified recombinant fragment of human ITK expressed in E. coli.                                                                                       |
| Isotype:               | IgG <sub>1</sub>                                                                                                                                       |
| Form:                  | Liquid                                                                                                                                                 |
| Purification:          | Unpurified ascites.                                                                                                                                    |
| Storage:               | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                                         |
| UniProt Primary AC:    | Q08881 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                            |
| Gene Symbol:           | ITK                                                                                                                                                    |
| GeneID:                | <a href="#">3702</a>                                                                                                                                   |
| OMIM:                  | <a href="#">186973</a>                                                                                                                                 |
| HGNC:                  | 6171                                                                                                                                                   |
| KEGG:                  | hsa:3702                                                                                                                                               |
| Ensembl:               | ENSG00000113263                                                                                                                                        |
| String:                | <a href="#">9606.ENSP00000398655</a>                                                                                                                   |
| Molecular Weight:      | 72 kDa                                                                                                                                                 |
| Buffer:                | Ascitic fluid containing 0.03% sodium azide.                                                                                                           |
| Concentration:         | Not determined.                                                                                                                                        |
| Note:                  | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.             |