

ITK Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2372
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human ITK expressed in E. Coli.
Mol wt	72kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	EMT;LYK;PSCTK2;MGC126257;MGC126258

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

WB: 1:500 - 1:2000

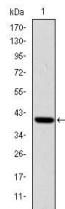
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

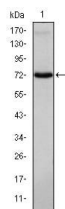
ELISA: 1:10000

Not yet tested in other applications.

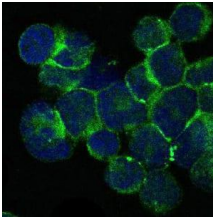
Images



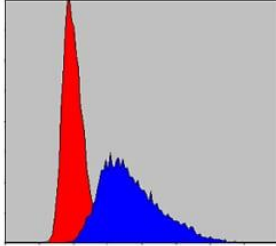
Western blot analysis using ITK mAb against human ITK (AA: 2-120) recombinant protein.
(Expected MW is 39.7 kDa)



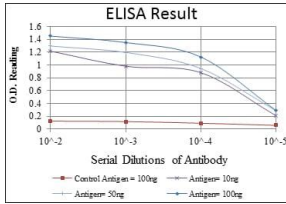
Western blot analysis using ITK mouse mAb against Jurkat cell lysate.



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



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



Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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