



Datasheet for ABIN969222

anti-ITK antibody



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5 Images

2 Publications

Overview

Quantity:	100 µL
Target:	ITK
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human ITK expressed in E. coli.
Clone:	5G6
Isotype:	IgG1
Purification:	purified

Target Details

Target:	ITK
Alternative Name:	ITK (ITK Products)
Background:	<p>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.</p> <p>Aliases: EMT, LYK, PSCTK2, MGC126257, MGC126258</p>
Molecular Weight:	72 kDa

Target Details

Gene ID:	3702
HGNC:	3702
Pathways:	TCR Signaling , Fc-epsilon Receptor Signaling Pathway

Application Details

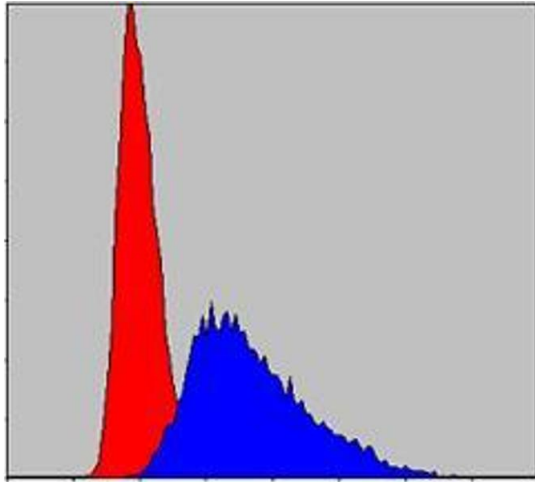
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

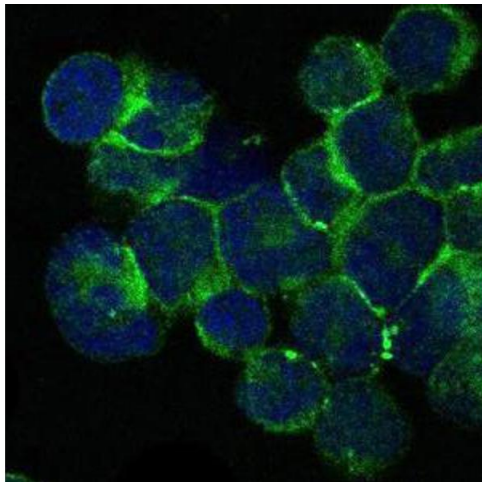
Publications

Product cited in:	<p>Toka, Dunaway, Smaltz, Szulc-Dąbrowska, Drnevich, Mielcarska, Bossowska-Nowicka, Schweizer: "Bacterial and viral pathogen-associated molecular patterns induce divergent early transcriptomic landscapes in a bovine macrophage cell line." in: BMC genomics, Vol. 20, Issue 1, pp. 15, (2019) (PubMed).</p> <p>Murakami, Maeda, Yonezawa, Matsuki: "CC chemokine ligand 2 and CXC chemokine ligand 8 as neutrophil chemoattractant factors in canine idiopathic polyarthritis." in: Veterinary immunology and immunopathology, Vol. 182, pp. 52-58, (2016) (PubMed).</p>
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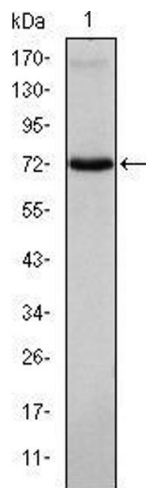
Flow Cytometry

Image 1. Flow cytometric analysis of Jurkat cells using ITK mouse mAb (blue) and negative control (red).



Immunofluorescence

Image 2. Immunofluorescence analysis of Jurkat cells using ITK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Western Blotting

Image 3. Western blot analysis using ITK mouse mAb against Jurkat cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN969222.