

Nur für Forschungszwecke

ITK Monoklonaler Antikörper

Katalog-Nr.:67703-1-Ig



Allgemeine Informationen

Katalog-Nr.: 67703-1-Ig	GenBank-Zugangsnummer: BC109077	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1624 µg/ml von3702 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 3702	CloneNo.: 1F9D8
Wirt: Maus	Vollständiger Name: IL2-inducible T-cell kinase	Empfohlene Verdünnungen: WB 1:2000-1:10000 IF 1:200-1:800
Isotyp: IgG2a	Berechnete Masse: 620 aa, 72 kDa	
Immunogen Katalognummer: AG17087	Beobachtete Masse: 70 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, WB, ELISA	Positivkontrollen: WB : Jurkat-Zellen, PBMC-Zellen
Getestete Reaktivität: Human	IF : Jurkat-Zellen,

Hintergrundinformationen

ITK is a member of Tec family (BTK, ITK, Tec, BMX and RLK), which expressed in normal T-lymphocytes and T-cell associated hematopoietic malignancies and have confirmed its critical role in regulating T lymphocyte function in EBV-driven lymphoproliferative disease and immune-mediated disorders. Tec kinase family members shares similarities structure, consisting of PH domain, SH3 domain, SH2 domain and kinase domain. Loss of function mutations in ITK results in hypogammaglobulinemia and CD4+ T cell loss in humans, and the patients often present with EBV-associated B cell lymphoproliferative syndrome (PMID: 30814910, PMID: 31025232).

Lagerung

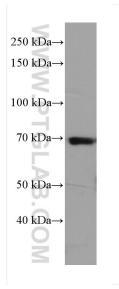
Lagerungsbedingungen:
Bei -20°C lagern.
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

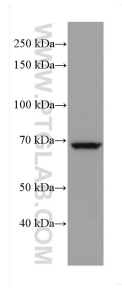
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

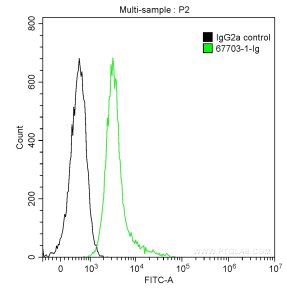
Ausgewählte Validierungsdaten



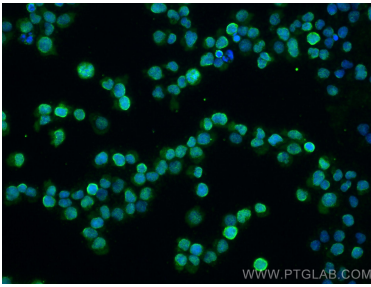
PBMC cells were subjected to SDS PAGE followed by western blot with 67703-1-Ig (ITK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Jurkat cells were subjected to SDS PAGE followed by western blot with 67703-1-Ig (ITK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



1×10^6 Jurkat cells were intracellularly stained with 0.2 μ g Anti-Human ITK (67703-1-Ig, Clone: 1F9D8) and CoraLite[®] 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 μ g Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2) (black). Cells were fixed with 90% MeOH.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using ITK antibody (67703-1-Ig, Clone: 1F9D8) at dilution of 1:400 and CoraLite[®] 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).