

À des fins de recherche uniquement

Anticorps Monoclonal anti-ITK

Numéro de catalogue: 67703-1-Ig



Informations de base

Numéro de catalogue: 67703-1-Ig	Numéro d'acquisition GenBank: BC109077	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1624 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3702	CloneNo.: 1F9D8
Hôte: Mouse	Nom complet: IL2-inducible T-cell kinase	Dilutions recommandées: WB 1:2000-1:10000 IF 1:200-1:800
Isotype: IgG2a	MW calculé 620 aa, 72 kDa	
Immunogen Catalog Number: AG17087	MW observés: 70 kDa	

Applications

Applications testées: FC, IF, WB, ELISA	Contrôles positifs:
Spécificité de l'espèce: Humain	WB : cellules Jurkat, cellules PBMC IF : cellules Jurkat,

Informations générales

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).

Stockage

Stockage:
Stocker à -20 °C.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

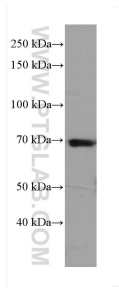
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

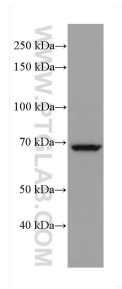
E: proteintech@ptglab.com
W: ptglab.com

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

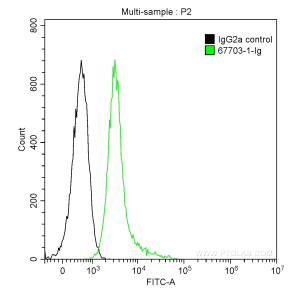
Données de validation sélectionnées



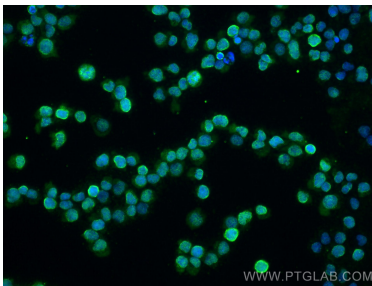
PBMC cells were subjected to SDS PAGE followed by western blot with 67703-1-Ig (ITK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).