

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Perforin



Numéro de catalogue: 14580-1-AP

8 Publications

Informations de base

Numéro de catalogue: 14580-1-AP	Numéro d'acquisition GenBank: BC063043	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 5551	Dilutions recommandées: WB 1:5000-1:50000
Hôte: Lapin	Nom complet: perforin 1 (pore forming protein)	
Isotype: IgG	MW calculé: 61 kDa	
Immunogen Catalog Number: AG6060	MW observés: 70-75 kDa	

Applications

Applications testées: FC, WB, ELISA	Contrôles positifs: WB : CTLL-2 cells, tissu rénal de souris
Demandes citées: FC, IF, WB	
Spécificité de l'espèce: Humain, souris	
Espèces citées: Humain, poulet, souris	

Informations générales

Perforin 1 (PRF1) is one of the major cytolytic proteins of cytolytic granules. It is known to be a crucial effector molecule in cytolytic T lymphocyte and natural killer cell-mediated cytotoxicity. This protein has structural and functional similarities to complement component C9. Like C9, this protein creates transmembrane tubules and is capable of lysing nonspecifically a variety of target cells. Defects in PRF1 are the cause of familial hemophagocytic lymphohistiocytosis type 2 (FHL2), which is characterized by immune dysregulation with hypercytokinemia and defective natural killer cell function. (PMID: 2417226; 7774276; 2783486; 10583959)

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaoyin Wang	33068832	Mol Immunol	WB
Chengguo Li	34625086	J Exp Clin Cancer Res	IF
Cui-Ying Chen	23164636	Res Vet Sci	WB

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
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.

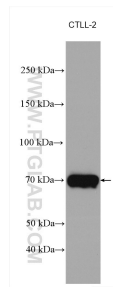
For technical support and original validation data for this product please contact:

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

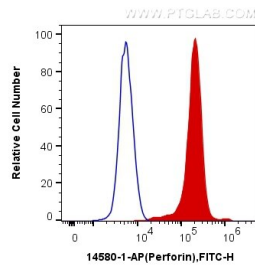
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



CTLL-2 cells were subjected to SDS PAGE followed by western blot with 14580-1-AP (Perforin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1×10^6 NK-92 were intracellularly stained with 0.4 ug Anti-Human Perforin (14580-1-AP) and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug isotype control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).