

Allgemeine Informationen

Katalog-Nr.: 14580-1-AP	GenBank-Zugangsnummer: BC063043	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 500 µg/ml von Nanodrop und 280 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5551	Empfohlene Verdünnungen: WB 1:5000-1:50000
Wirt: Kaninchen	Vollständiger Name: perforin 1 (pore forming protein)	
Isotyp: IgG	Berechnete Masse: 61 kDa	
Immunogen Katalognummer: AG6060	Beobachtete Masse: 70-75 kDa	

Anwendungen

Geprüfte Anwendungen: FC, WB, ELISA	Positivkontrollen: WB : CTLL-2 cells, Mausnierengewebe
In Publikationen genannte Anwendungen: IF, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Huhn, Human, Maus	

Hintergrundinformationen

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)

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

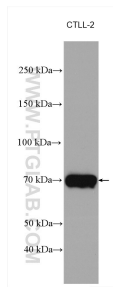
Aliquotieren ist nicht notwendig bei -20°C Lagerung

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

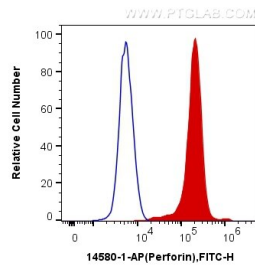
For technical support and original validation data for this product please contact:
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 E: proteintech@ptglab.com
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Ausgewählte Validierungsdaten



CTL-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).