

Nur für Forschungszwecke

Alpha Antichymotrypsin Monoklonaler Antikörper



Katalog-Nr.: 66078-1-Ig **2 Publikationen**

Allgemeine Informationen

Katalog-Nr.: 66078-1-Ig	GenBank-Zugangsnummer: BC010530	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1800 µg/ml von12 Nanodrop und 767 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 12	CloneNo.: 3F2F10
Wirt: Maus	Vollständiger Name: serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3	Empfohlene Verdünnungen: WB 1:2000-1:20000 IHC 1:50-1:500 IF 1:50-1:500
Isotyp: IgG2b	Berechnete Masse: 448 aa, 48 kDa	
Immunogen Katalognummer: AG2830	Beobachtete Masse: 60 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : humanes Plasmagewebe, humanes Kolongewebe IHC : humanes Tonsillitisgewebe, humanes Lebergewebe IF : humanes Tonsillitisgewebe,
In Publikationen genannte Anwendungen: IHC, WB	
Getestete Reaktivität: Hausschwein, Human	
Zitierte Arten: Human	

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

Human SerpinA3, also known as Alpha 1-antichymotrypsin (AACT), is a member of the serine protease inhibitor class, and is a plasma alpha globulin glycoprotein which increases in the blood during the inflammatory process. SerpinA3, is also an inhibitor of neutrophil cathepsin G, mast cell chymases and pancreatic chymotrypsin. SerpinA3 is produced primarily in the liver, and is identified as an acute-phase inflammatory protein. SerpinA3 deficiency has been associated with liver disease. SerpinA3 has also been implicated in the pathology of a number of devastating human diseases including chronic obstructive pulmonary disease (COPD), Parkinson's disease (PD), Alzheimer's disease (AD), Stroke, Cystic Fibrosis, Cerebral Haemorrhage and Multiple System Atrophy.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yanxia Jin	26908325	Br J Cancer	
Yingzi Zhang	33569740	Breast Cancer	WB, IHC

Lagerung

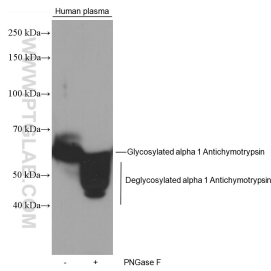
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

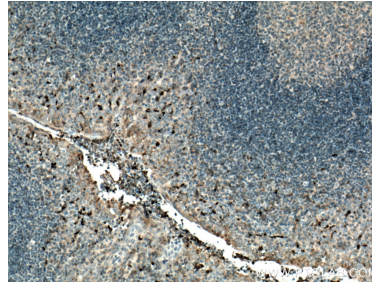
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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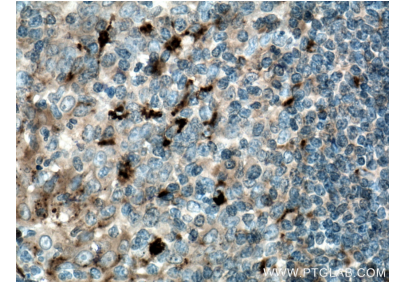
Ausgewählte Validierungsdaten



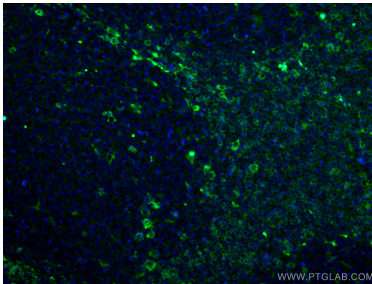
Untreated and PNGase F-treated lysates of human plasma were subjected to SDS PAGE followed by western blot with 66078-1-Ig (alpha 1 Antichymotrypsin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. Loading amount 0.7 μ L crude plasma was lysed for each lane. PNGase F was obtained from Atagenix (cat.NO. ata808).



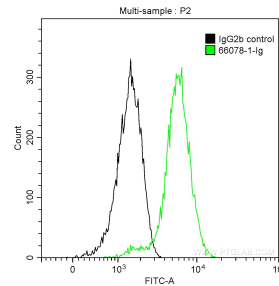
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66078-1-Ig (alpha 1 Antichymotrypsin antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66078-1-Ig (alpha 1 Antichymotrypsin antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 66078-1-Ig (alpha 1 Antichymotrypsin antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1x10⁶ HepG2 cells were intracellularly stained with 0.2 μ g Anti-Human Alpha Antichymotrypsin (66078-1-Ig, Clone:3F2F10) and CoraLite[®]488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 μ g Control Antibody. Cells were fixed with 90% MeOH.