

Allgemeine Informationen

Katalog-Nr.: 13750-1-AP	GenBank-Zugangsnummer: BC032602	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 550 µg/ml von Nanodrop;	GeneID (NCBI): 4599	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: Myxovirus resistance protein 1	
Isotyp: IgG	Berechnete Masse: 662 aa, 76 kDa	
Immunogen Katalognummer: AG4692	Beobachtete Masse: 76 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, IP, WB, ELISA	Positivkontrollen: WB: A549-Zellen, Mauslungengewebe IHC: humanes Tonsillitisgewebe, humanes Lungenkarzinomgewebe IF: A549-Zellen,
In Publikationen genannte Anwendungen: FC, IF, IHC, IP, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Affe, Hausschwein, Huhn, Human, Hund, Maus, Makake	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Mx1 (also known as MxA) is a GTPase that belongs to the Mx family of proteins, which are ubiquitous in eukaryotes and involved in the immune response to viral infections. The human Mx1 is localized in the cytoplasm interfering with the translation of viral proteins, whereas the mouse Mx1 accumulates in the nucleus and inhibits the primary transcription of viral RNA. Mx1 expression is induced by treatment with α/β IFN. This antibody can recognize the endogenous Mx1 protein in several tissues like lung and spleen.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yuki Kurebayashi	34529742	PLoS Pathog	WB, IF
Xiaodan Yang	27527594	J Immunol	WB
Kang An	25357264	J Proteome Res	WB

Lagerung

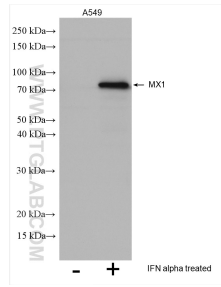
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

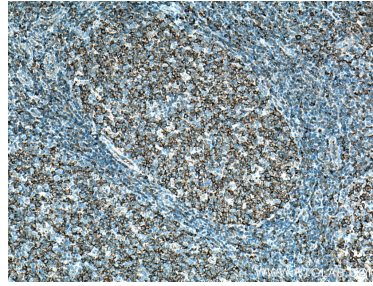
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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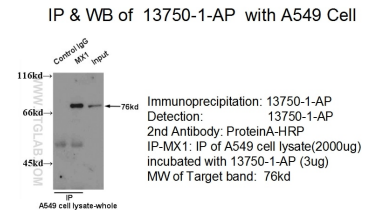
Ausgewählte Validierungsdaten



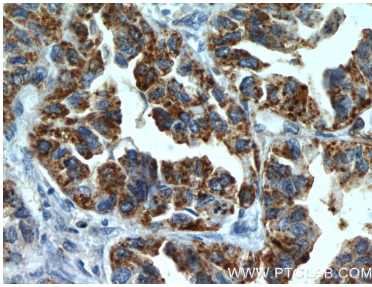
Lysates of A549 cells treated or non-treated with IFN-alpha were subjected to SDS PAGE followed by western blot with 13750-1-AP (MX1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



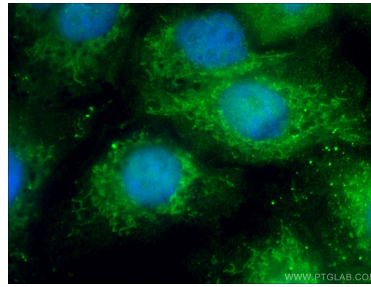
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 13750-1-AP (MX1 antibody) at dilution of 1:200 (under 10x Lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-MX1 (13750-1-AP for IP and Detection) with A549 cell.



Immunohistochemical analysis of paraffin-embedded human lung cancer slide using 13750-1-AP (MX1 Antibody) at dilution of 1:50.



Immunofluorescent analysis of (10% Formaldehyde) fixed A549 cells using 13750-1-AP (MX1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).