

Nur für Forschungszwecke

P2RX7 Polyklonaler Antikörper

Katalog-Nr.: 11144-1-AP

12 Publikationen



Allgemeine Informationen

Katalog-Nr.: 11144-1-AP	GenBank-Zugangsnummer: BC011913	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 147 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5027	Empfohlene Verdünnungen: IHC 1:20-1:200 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: purinergic receptor P2X, ligand-gated ion channel, 7	
Isotyp: IgG	Berechnete Masse: 69 kDa	
Immunogen Katalognummer: AG1600		

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, ELISA	Positivkontrollen: IHC : humanes Prostatakarzinomgewebe, humanes Tonsillitisgewebe IF : HeLa-Zellen,
In Publikationen genannte Anwendungen: IF, IHC, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus, Ratte	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Nucleotides, the structural subunits of the nucleic acids, are also important extracellular signaling molecules. P2 receptors are a family of cell surface receptors that mediate a wide variety of physiologic effects in response to extracellular nucleotides. These receptors fall into two classes: P2X receptors, which are ligand-gated ion channels that mediate calcium and potassium fluxes in response to ATP, and P2Y receptors, which are G protein-coupled receptors (GPCRs) (PMID: 21724990). P2RX7 functions as a ligand-gated ion channel and is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. P2RX7 is highly expressed by cells of the haemopoietic lineage and can mediate cell death, killing of infectious organisms, and regulation of the inflammatory response (PMID: 22102807).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Baochang Qi	27716441	J Exp Clin Cancer Res	IF
Wen-Jun Su	30483062	Front Cell Neurosci	WB
Qingkai Zhang	30542707	Oncol Rep	WB

Lagerung

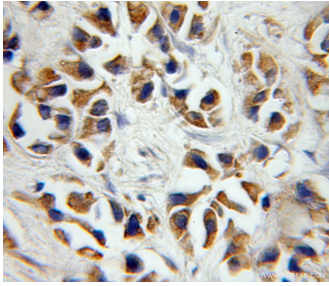
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

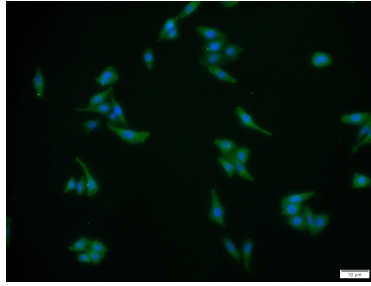
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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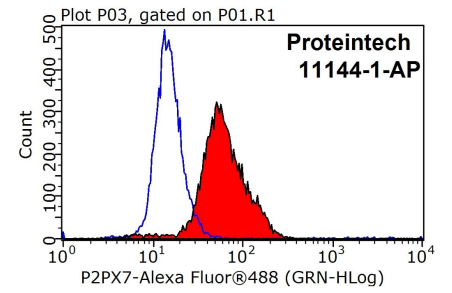
Ausgewählte Validierungsdaten



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 11144-1-AP (P2RX7 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 11144-1-AP (P2RX7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ HeLa cells were stained with 0.2ug P2RX7 antibody (11144-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.