

À des fins de recherche uniquement

Anticorps Monoclonal anti-P2RX4

Numéro de catalogue: 66416-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 66416-1-Ig	Numéro d'acquisition GenBank: BC033826	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1700 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5025	CloneNo.: 1A5A6
Hôte: Mouse	Nom complet: purinergic receptor P2X, ligand-gated ion channel, 4	Dilutions recommandées: WB 1:1000-1:8000 IHC 1:50-1:500
Isotype: IgG2b	MW calculé 388 aa, 43 kDa	
Immunogen Catalog Number: AG4445	MW observés: 50 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules A549, cellules Neuro-2a, tissu cérébral de lapin, tissu cérébral de porc, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain

IHC : tissu rénal humain,

Informations générales

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). P2RX4 (P2X purinoceptor 4) is a receptor for ATP acting as a ligand gated ion channel. The calculated molecular weight of P2RX4 is 43 kDa, larger apparent molecular weights of 50-80 kDa have been reported, possibly due to post-translational glycosylation (PMID: 24040145, 15262999; 29382907; 12566439).

Publications notables

Autrice	Pubmed ID	Journal	Application
Peijie Zhong	37085966	Clin Transl Med	WB

Stockage

Stockage:

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

Tampon de stockage:

PBS avec azote 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.**

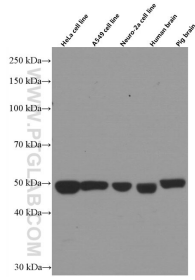
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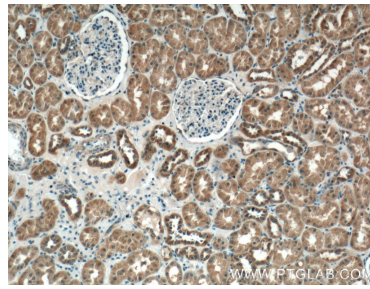
E: proteintech@ptglab.com
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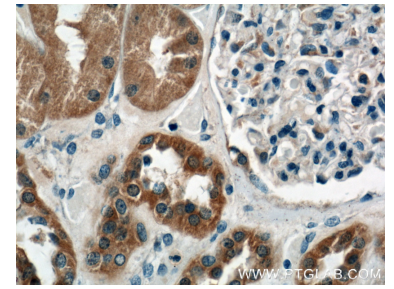
Données de validation sélectionnées



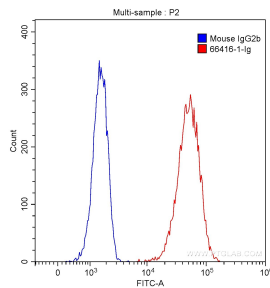
Various lysates were subjected to SDS PAGE followed by western blot with 66416-1-Ig (P2RX4 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66416-1-Ig (P2RX4 Antibody) at dilution of 1:400 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66416-1-Ig (P2RX4 Antibody) at dilution of 1:400 (under 40x lens).



1X10⁶ HeLa cells were stained with 0.20 ug Anti-Human P2RX4 (66416-1-Ig, Clone:1A5A6) (red) or 0.20 ug isotype control antibody (blue) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000. Cells were fixed with 90% MeOH.