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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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P2RX4 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00005025-B01P

規格 : [50 ug]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human P2RX4 protein.

Immunogen: P2RX4 (NP_002551.2, 1 a.a. ~ 388 a.a) full-length human protein.

Sequence:
 MAGCCAALAAFLFEYDTPRIVLIRSRKVGLMNRVQLLILAYVIGWVFW
 EKG YQETDSVSSVTTKVKGVAVTNTSKLGFRIWDVADYVIPAQEENSLF
 VMTNMLTMMNQ TQGLCPEIPDATTVCKSDASCTAGSAGTHSNGVSTGRC
 VAFNGSVKTCEVAAWCPVEDDTHVPQPAFLKAAENFTLLVKNNIWYPKF
 NFSKRNLPNITTTYLKSCIYDAKTDPF C PIFRLGKIVENAGHSFQDMAVEG
 GIMGIQVNWDCNLDRAASLCLPRYSFRRLDTRDVEHNVSPGYNFRFAKY
 YRDLAGNEQRTLKAYGIRFDIIVFGKAGKFDIIP TMINIGSGLALLGMATVL
 CDIIVLYCMKKRLYYREKKYKYVEDYEQGLASELDQ

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Publication Reference

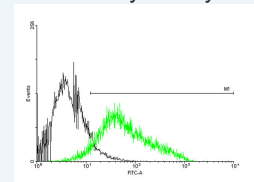
- [Purinergic receptors expressed in human skeletal muscle fibres.](#)
 Borno A, Ploug T, Bune LT, Rosenmeier JB, Thaning P Purinergic Signal. 2012 Jun;8(2):255-64. doi: 10.1007/s11302-011-9279-y. Epub 2011 Nov 4.
- [Purinergic receptors expressed in human skeletal muscle fibres.](#)
 Borno A, Ploug T, Bune LT, Rosenmeier JB, Thaning P. Purinergic Signal. 2011 Nov 4. [Epub ahead of print]


Applications

Flow Cytometry

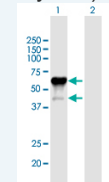
Application Image

Flow Cytometry

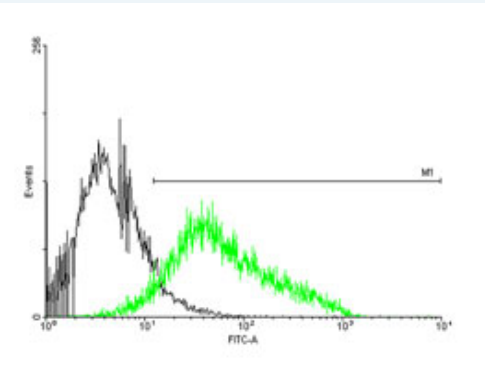


 [enlarge](#)

Western Blot (Transfected lysate)



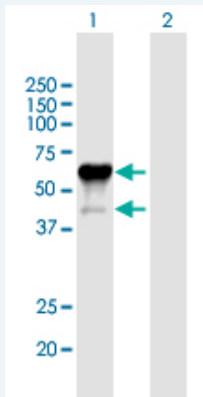
 [enlarge](#)



[enlarge this image](#)

FACS analysis of negative control 293 cells (Black) and P2RX4 expressing 293 cells (Green) using P2RX4 purified MaxPab mouse polyclonal antibody.

Western Blot (Transfected lysate)



Western Blot analysis of P2RX4 expression in transfected 293T cell line ([H00005025-T01](#)) by P2RX4 MaxPab polyclonal antibody.

Lane 1: P2RX4 transfected lysate(42.68 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Information

Entrez GeneID: [5025](#)

GeneBank [NM_002560.2](#)

Accession#:

Protein [NP_002551.2](#)

Accession#:

Gene Name: P2RX4

Gene Alias: P2X4,P2X4R

Gene Description: purinergic receptor P2X, ligand-gated ion channel, 4

Omim ID: [600846](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel with high calcium permeability. The main pharmacological distinction between the members of the purinoceptor family is the relative sensitivity to the antagonists suramin and PPADS. The product of this gene has the lowest sensitivity for these antagonists. Multiple alternatively spliced transcript variants have been identified for this gene although their full-length natures have not been determined. [provided by RefSeq

Other ATP receptor,ATP-gated cation channel protein,P2X purinoceptor
Designations: 4,P2X receptor, subunit 4,purinergic receptor P2X4,purinoceptor P2X4

Gene Pathway

[Calcium signaling pathway](#) [Neuroactive ligand-receptor interaction](#)

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