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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

P2RX4 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00005025-B01

規格 : [50 uL]

[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
 VMTNMILTMNQ TQGLCPEIPDATTVCKSDASCTAGSAGTHSNGVSTGRC
 VAFNGSVKTCEVAAWCPVEDDTHVPQPAFLKAAENFTLLVKNNIWYPKF
 NFSKRNLPNITTTYLKSCIYDAKTDPF C PIFRLGKIVENAGHSFQDMAVEG
 GIMGIQVNWDCNLDRAASLCLPRYSFRRLDTRDVEHNVSPGYNFRFAKY
 YRDLAGNEQRTLKAYGIRFDIIVFGKAGKFDIPTMINIGSGLALLGMATVL
 CDIIVLYCMKKRLYYREKKYKYVEDYEQGLASELDQ

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: No additive

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

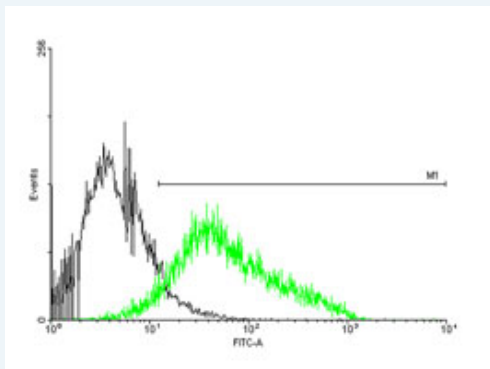
Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.


MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Flow Cytometry



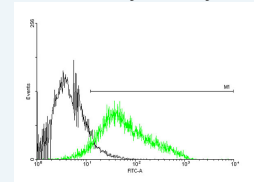
 [enlarge this image](#)

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)

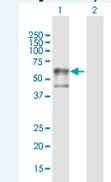
Application Image

Flow Cytometry

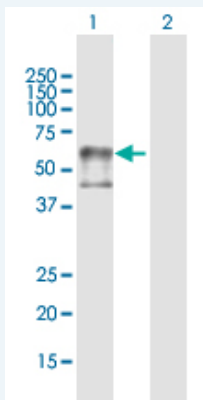


 [enlarge](#)

Western Blot (Transfected lysate)



 [enlarge](#)



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 purinergic receptor P2X, ligand-gated ion channel, 4

Description:

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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