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Datasheet for ABIN518564

anti-P2RX4 antibody (AA 1-388)

3 Images

1 Publication

Overview

Quantity:	50 µg
Target:	P2RX4
Binding Specificity:	AA 1-388
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This P2RX4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	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:	MAGCCAALAA FLFEYDTPRI VLIRSRKVGL MNRAVQLLIL AYVIGWVFW EKG YQETDSV VSSVTTKVKG VAVTNTSKLG FRIWDVADYV IPAQEENSLF VMTNVILTMN QTQGLCPEIP DATTVCKSDA SCTAGSAGTH SNGVSTGRCV AFNGSVKTCE VAAWCPVEDD THVPQPAFLK AAENFTLLVK NNIWYPKFNF SKRNILPNIT TTYLKSCIYD AKTDPFCPIF RLGKIVENAG HSFQDMAVEG GIMGIQVNWD CNLDRAASLC LPRYSFRRLD TRDVEHNVSP GYNFRFAKYY RDLAGNEQRT LIKAYGIRFD IIVFGKAGKF DIIPTMINIG SGLALLGMAT VLCDIIVLYC MKKRLYYREK KYKYVEDYEQ GLASELDQ
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	P2RX4
Alternative Name:	P2RX4 (P2RX4 Products)
Background:	Full Gene Name: purinergic receptor P2X, ligand-gated ion channel, 4 Synonyms: P2X4,P2X4R
Gene ID:	5025
NCBI Accession:	NM_002560
Pathways:	Synaptic Membrane

Application Details

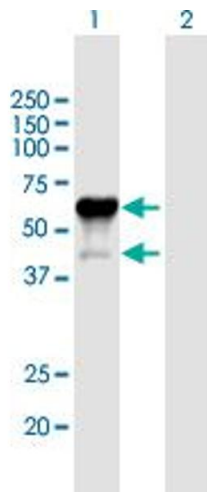
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Bornø, Ploug, Bune, Rosenmeier, Thaning: "Purinergic receptors expressed in human skeletal muscle fibres." in: Purinergic signalling , Vol. 8, Issue 2, pp. 255-64, (2012) (PubMed).
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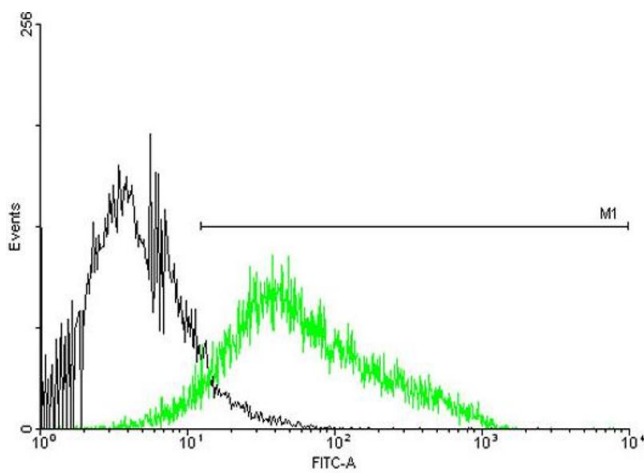


Western Blotting

Image 1. Western Blot analysis of P2RX4 expression in transfected 293T cell line by P2RX4 MaxPab polyclonal antibody.

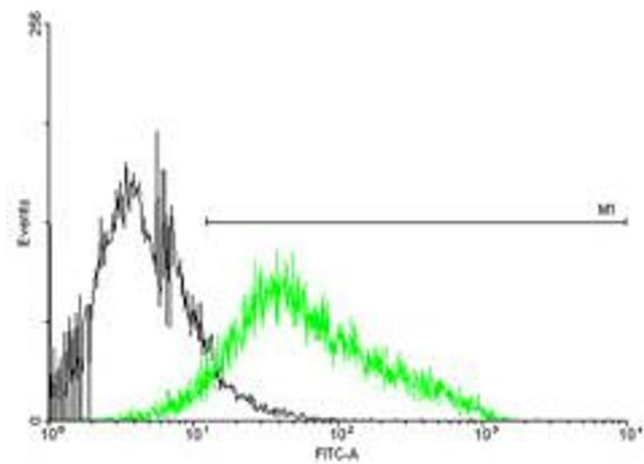
Lane 1: P2RX4 transfected lysate(42.68 KDa).

Lane 2: Non-transfected lysate.



Flow Cytometry

Image 2. FACS analysis of negative control 293 cells (Black) and P2RX4 expressing 293 cells (Green) using P2RX4 purified MaxPab mouse polyclonal antibody.



Flow Cytometry

Image 3. FACS analysis of negative control 293 cells (Black) and P2RX4 expressing 293 cells (Green) using P2RX4 purified MaxPab mouse polyclonal antibody.