



Rabbit Anti-P2X3 antibody

SL4249R

Product Name:	P2X3
Chinese Name:	三磷酸腺苷受体受体P2X3抗体
Alias:	ATP receptor; ATP receptor; MGC129956; P2RX3; P2RX3_HUMAN; P2X purinoceptor 3; P2X receptor subunit 3; P2X3; Purinergic receptor; Purinergic receptor P2X ligand gated ion channel 3; Purinergic receptor P2X3; Purinoceptor P2X3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-F=1:400-800Flow-Cyt=1ug/testIF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	44kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human P2X3:241-340/397
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	P2RX3 is a member of the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and transduces ATP-evoked nociceptor activation. P2RX3 is important for peripheral pain responses, and controls urinary bladder volume reflexes. Function:

Receptor for ATP that acts as a ligand-gated ion channel.

Subunit:

Homo- or heteropolymers.

Subcellular Location:

Membrane; Multi-pass membrane protein.

Similarity:

Belongs to the P2X receptor family.

SWISS:

P56373

Gene ID:

5024

Database links:

[Entrez Gene: 5024](#) Human

[Entrez Gene: 228139](#) Mouse

[Entrez Gene: 81739](#) Rat

[Omim: 600843](#) Human

[SwissProt: P56373](#) Human

[SwissProt: Q3UR32](#) Mouse

[SwissProt: P49654](#) Rat

[Unigene: 146738](#) Human

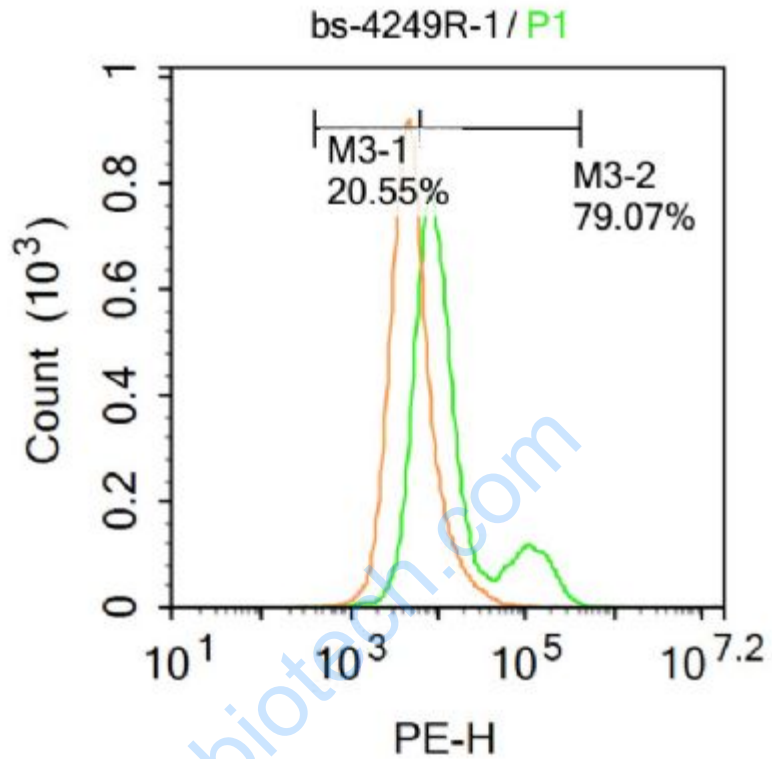
[Unigene: 440375](#) Mouse

[Unigene: 448935](#) Mouse

[Unigene: 10388](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Blank control: U87MG.

Primary Antibody (green line): Rabbit Anti-P2X3 antibody (SL4249R)

Dilution: $1\mu\text{g} / 10^6$ cells;

Isotype Control Antibody (orange line): Rabbit IgG .

Secondary Antibody : Goat anti-rabbit IgG-PE

Dilution: $1\mu\text{g} / \text{test}$.

The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.