

Rabbit Anti-P2X3/Cy5 Conjugated antibody

SL4249R-Cy5

Product Name	Anti-P2X3/Cy5
Chinese Name	Cy5 标记的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.
Research Area	Tumour immunology Neurobiology Channel protein The cell membrane 受体
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat,Pig,Horse,Rabbit)
Applications	Flow-Cyt=1ug/test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	44kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human P2X3 (241-270aa)
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: 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.

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.