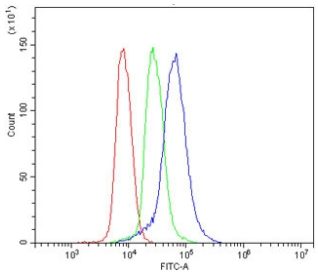
P2ry14 Antibody / P2Y14 (RQ5905)

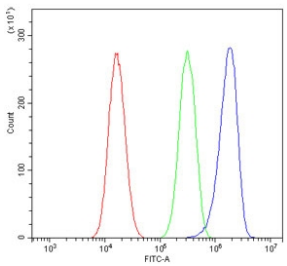
Catalog No.	Formulation	Size
RQ5905	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

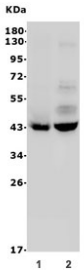
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9ESG6
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This P2ry14 antibody is available for research use only.



Flow cytometry testing of mouse spleen cells with P2ry14 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= P2ry14 antibody.



Flow cytometry testing of mouse Neuro-2a cells with P2ry14 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= P2ry14 antibody.



Western blot testing of rat 1) NRK and 2) PC-12 lysate with P2ry14 antibody. Predicted molecular weight ~40 kDa.

Description

The product of this gene belongs to the family of G-protein coupled receptors, which contains several receptor subtypes with different pharmacological selectivity for various adenosine and uridine nucleotides. This receptor is a P2Y purinergic receptor for UDP-glucose and other UDP-sugars coupled to G-proteins. It has been implicated in extending the known immune system functions of P2Y receptors by participating in the regulation of the stem cell compartment, and it may also play a role in neuroimmune function. Two transcript variants encoding the same protein have been identified for this gene.

Application Notes

Optimal dilution of the P2ry14 antibody should be determined by the researcher.

Immunogen

Recombinant mouse protein (amino acids N17-L338) was used as the immunogen for the P2ry14 antibody.

Storage

After reconstitution, the P2ry14 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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