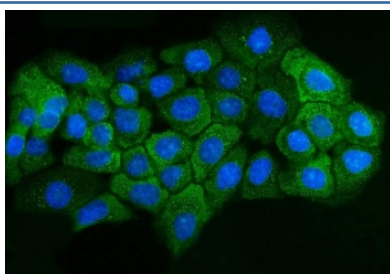


## Adenosine Receptor A2b Antibody / ADORA2B (RQ6597)

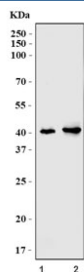
Catalog No.	Formulation	Size
RQ6597	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

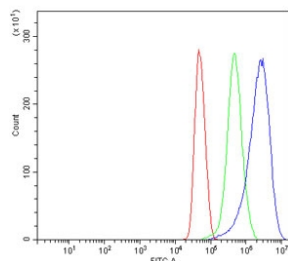
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P29275
<b>Localization</b>	Cytoplasmic, cell membrane
<b>Applications</b>	Western Blot : 1-2ug/ml Immunofluorescence (FFPE) : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Adenosine Receptor A2b antibody is available for research use only.



Immunofluorescent staining of FFPE human A431 cells with Adenosine Receptor A2b antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HEK293 and 2) U-87 MG cell lysate with Adenosine Receptor A2b antibody. Expected molecular weight: 36-40 kDa.



Flow cytometry testing of human U-251 MG cells with Adenosine Receptor A2b antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Adenosine Receptor A2b antibody.

## Description

The adenosine A2B receptor, also known as ADORA2B, is a G-protein coupled adenosine receptor, and also denotes the human adenosine A2b receptor gene which encodes it. This gene encodes an adenosine receptor that is a member of the G protein-coupled receptor superfamily. This integral membrane protein stimulates adenylate cyclase activity in the presence of adenosine. This protein also interacts with netrin-1, which is involved in axon elongation. The gene is located near the Smith-Magenis syndrome region on chromosome 17.

## Application Notes

Optimal dilution of the Adenosine Receptor A2b antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids N145-L328) was used as the immunogen for the Adenosine Receptor A2b antibody.

## Storage

After reconstitution, the Adenosine Receptor A2b antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.