

# Product Datasheet

## Adenosine A2aR Antibody (7F6-G5-A2) [PE] NBP1-39474PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-39474PE**

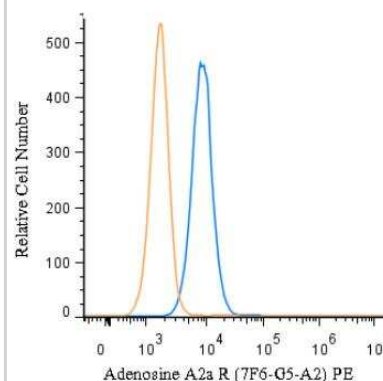
Adenosine A2aR Antibody (7F6-G5-A2) [PE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	7F6-G5-A2
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	PE
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	135
Gene Symbol	ADORA2A
Species	Human, Mouse, Rat, Porcine, Canine, Guinea Pig, Rabbit, Sheep
Reactivity Notes	Sheep reactivity reported in scientific literature (PMID: 29791204). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length recombinant human Adenosine A2a R. [UniProt# P29274]
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Intracellular), CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

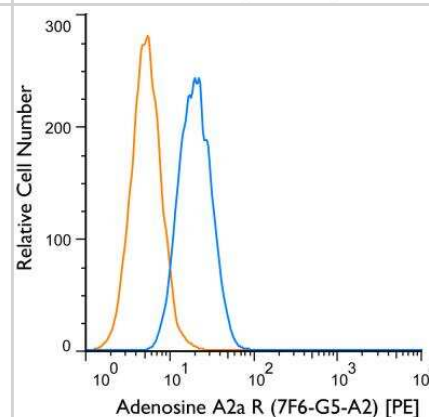


## Images

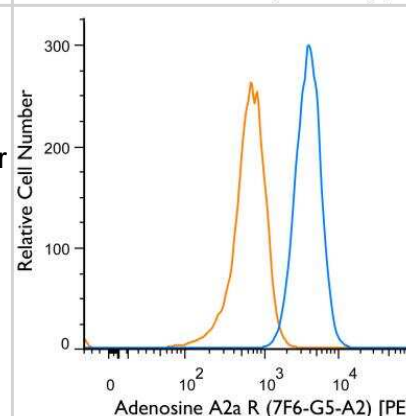
**Flow (Intracellular): Adenosine A2aR Antibody (7F6-G5-A2) [PE] [NBP1-39474PE]** - An intracellular stain was performed on U-937 cells with Adenosine A2a R (7F6-G5-A2) antibody NBP1-39474PE (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin.



**Flow Cytometry: Adenosine A2aR Antibody (7F6-G5-A2) [PE] [NBP1-39474PE]** - An intracellular stain was performed on SH-SY5Y cells with Adenosine A2a R (7F6-G5-A2) antibody NBP1-39474PE (blue) and a matched isotype control NB600-986PE (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin.



**Flow Cytometry: Adenosine A2aR Antibody (7F6-G5-A2) [PE] [NBP1-39474PE]** - An intracellular stain was performed on Jurkat cells with Adenosine A2aR NBP1-39474PE (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to phycoerythrin.



## Publications

Carrera-Martínez M, Mora-García ML, García-Rocha R et al. Inhibition of CD73 expression or A2AR blockade reduces MRP1 expression and increases the sensitivity of cervical cancer cells to cisplatin Cell biochemistry and function 2023-02-27 [PMID: 36846868]

Tokano M, Matsushita S, Takagi R Et al. Extracellular adenosine induces hypersecretion of IL-17A by T-helper 17 cells through the adenosine A2a receptor Brain Behav Immun Health 2022-12-05 [PMID: 36467126] (FLOW, Mouse)

Details:

Citation using the PE version of this antibody.



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### **Products Related to NBP1-39474PE**

NBP1-39474APC	Adenosine A2aR Antibody (7F6-G5-A2) [Allophycocyanin]
H00000135-P02-2ug	Recombinant Human Adenosine A2aR GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
H00000135-Q01-10ug	Recombinant Human Adenosine A2aR GST (N-Term) Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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