

# Product Datasheet

## Adenosine A2aR Antibody (Ig2838) - Chimeric - Azide and BSA Free NBP3-09003-0.2mg

Unit Size: 0.2 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-09003-0.2mg**

Adenosine A2aR Antibody (Ig2838) - Chimeric - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	Ig2838
<b>Preservative</b>	0.02% Proclin 300
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

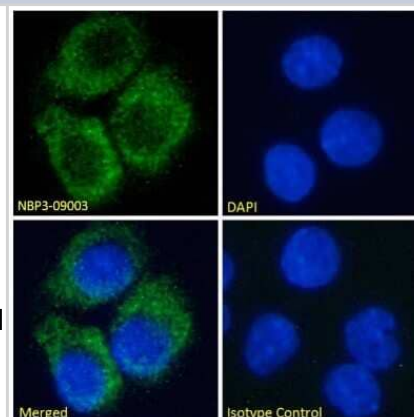
<b>Host</b>	Mouse
<b>Gene ID</b>	135
<b>Gene Symbol</b>	ADORA2A
<b>Species</b>	Human
<b>Immunogen</b>	Human recombinant A2-adenosine receptor.

**Product Application Details**

<b>Applications</b>	ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
<b>Recommended Dilutions</b>	ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
<b>Application Notes</b>	<p>This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.</p> <p>This antibody binds to the A2 adenosine receptor, a G-protein-coupled receptor for adenosine that, upon ligand binding, activates adenylyl cyclase. The antibody acts as an allosteric inhibitor.</p>

**Images**

Immunocytochemistry/Immunofluorescence: Adenosine A2aR Antibody (Ig2838) - Chimeric [NBP3-09003] - Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells on Shi-fix(TM) coverslips, permeabilized with 0.15% Triton and stained with the chimeric mouse IgG1 version of Ig2838 (NBP3-09003) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing granular cytoplasmic staining, possibly of protein in trafficking vesicles. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-09003, DAPI, merged channels and an isotype control. The isotype control was stained with an unknown specificity antibody followed by Alexa Fluor(R) 488 secondary antibody.



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**Products Related to NBP3-09003-0.2mg**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00000135-P02-2ug	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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