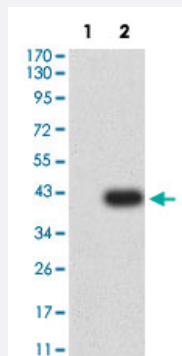


ADORA2A monoclonal antibody, clone 6A6G11

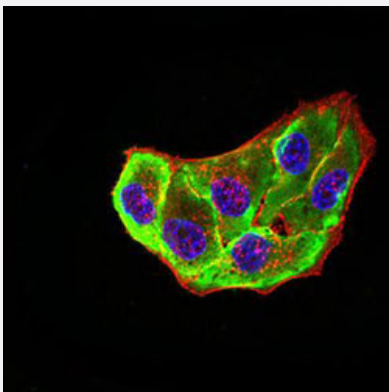
Catalog # MAB17949 Size 100 ug

Applications



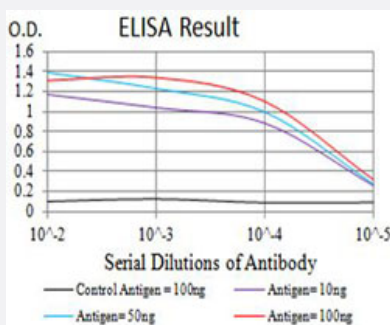
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: ADORA2A-hlgGfc transfected HEK293 cell lysates with ADORA2A monoclonal antibody, clone 6A6G11 (Cat # MAB17949).



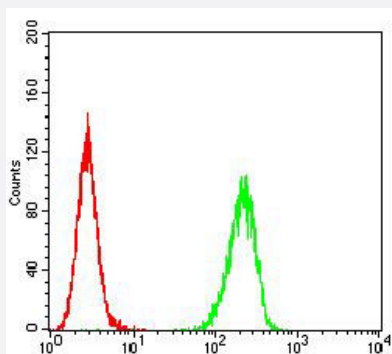
Immunofluorescence

Immunofluorescent staining of HeLa cells with ADORA2A monoclonal antibody, clone 6A6G11 (Cat # MAB17949) (Green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with ADORA2A monoclonal antibody, clone 6A6G11 (Cat # MAB17949).



Flow Cytometry

Flow cytometric analysis of HeLa cells with ADORA2A monoclonal antibody, clone 6A6G11 (Cat # MAB17949) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human ADORA2A.
Immunogen	Recombinant protein corresponding to amino acids 274-412 of human ADORA2A.
Host	Mouse
Theoretical MW (kDa)	44.7
Reactivity	Human
Form	Liquid
Isotype	IgG2a
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Immunofluorescence (1:100-1:500) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: ADORA2A-hlgGfc transfected HEK293 cell lysates with ADORA2A monoclonal antibody, clone 6A6G11 (Cat # MAB17949).

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Flow cytometric analysis of HeLa cells with ADORA2A monoclonal antibody, clone 6A6G11 (Cat # MAB17949) (Green). Red: Negative Control.

Gene Info — ADORA2A

Entrez GeneID [135](#)

Protein Accession# [P29274](#)

Gene Name ADORA2A

Gene Alias ADORA2, RDC8, hA2aR

Gene Description adenosine A2a receptor

Omim ID [102776](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein which is one of several receptor subtypes for adenosine. The activity of the encoded protein, a G-protein coupled receptor family member, is mediated by G proteins which activate adenylyl cyclase. The encoded protein is abundant in basal ganglia, vasculature and platelets and it is a major target of caffeine. [provided by RefSeq]

Other Designations adenosine A2 receptor|adenosine receptor subtype A2a

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

- [Vascular smooth muscle contraction](#)

Disease

- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Anxiety Disorders](#)
- [Arousal](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Coronary Artery Disease](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Fatigue](#)
- [Genetic Predisposition to Disease](#)
- [Headache](#)
- [Huntington disease](#)

- [Hypertension](#)
- [Mental Disorders](#)
- [Migraine with Aura](#)
- [Mood Disorders](#)
- [Neuropsychological Tests](#)
- [Panic Disorder](#)
- [Parkinson disease](#)
- [Personality Inventory](#)
- [Psychiatric Status Rating Scales](#)
- [Psychomotor Performance](#)
- [Psychoses](#)
- [Reaction Time](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Sleep](#)
- [Sleep Disorders](#)
- [Sleep Initiation and Maintenance Disorders](#)
- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)
- [Syncope](#)
- [Weight Gain](#)