

Anti-ADORA2A monoclonal antibody, clone 8G7-H6-B3 (DCABH-456)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Adenosine Receptor A2a
Antigen Description	Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.
Immunogen	6His-tagged full-length Human recombinant Adenosine Receptor A2a.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Rabbit, Dog, Human
Clone	8G7-H6-B3
Purity	Protein G purified
Conjugate	Unconjugated
Applications	WB, IHC-P, Flow Cyt
Positive Control	Human Brain, Putamen tissue; HEK293 cells expressing canine A1/A2A receptor chimeras
Format	Liquid
Size	25 µg
Buffer	pH: 7.00; Constituents: 99% PBS, 0.3% EDTA
Preservative	None

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Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ADORA2A adenosine A2a receptor [Homo sapiens]
Official Symbol	ADORA2A
Synonyms	ADORA2A; adenosine A2a receptor; ADORA2; adenosine receptor A2a; RDC8; adenosine A2 receptor; adenosine receptor subtype A2a; hA2aR;
Entrez Gene ID	135
Protein Refseq	NP_000666
UniProt ID	B3KVQ4
Chromosome Location	22q11.23
Pathway	Activation of TRKA receptors, organism-specific biosystem; Adenosine P1 receptors, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem;
Function	G-protein coupled adenosine receptor activity; enzyme binding; protein binding; receptor activity; signal transducer activity;

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