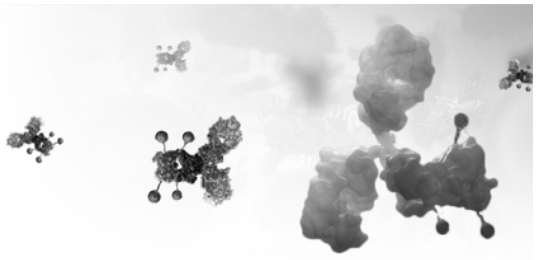

Mouse anti-Human ADORA3 monoclonal antibody, clone 2B4 (CABT-B9732)

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

PRODUCT INFORMATION

Immunogen	ADORA3 (AAH29831, 121 a.a. ~ 225 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	2B4
Conjugate	Unconjugated
Applications	sELISA,ELISA
Sequence Similarities	VTTHRRIWLALGLCWLVSFLVGLTPMFGWNMKLTSEYHRNVTFLSCQFVSVMRMDYMVYF SFLTWIFIPLVVMCAIYLDIFYIIRNKLSLNLSNSKETGAFYGRE
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a protein that belongs to the family of adenosine receptors, which are G-protein-coupled receptors that are involved in a variety of intracellular signaling pathways and

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	physiological functions. The receptor encoded by this gene mediates a sustained cardioprotective function during cardiac ischemia, it is involved in the inhibition of neutrophil degranulation in neutrophil-mediated tissue injury, it has been implicated in both neuroprotective and neurodegenerative effects, and it may also mediate both cell proliferation and cell death. Alternative splicing results in multiple transcript variants. This gene shares its 5 terminal exon with some transcripts from overlapping GeneID:57413, which encodes an immunoglobulin domain-containing protein. [provided by RefSeq, Nov 2014]
Keywords	ADORA3; adenosine A3 receptor; A3AR; adenosine receptor A3;

GENE INFORMATION

Entrez Gene ID	140
UniProt ID	P33765
Pathway	Adenosine P1 receptors, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem
Function	adenosine receptor activity, G-protein coupled; receptor activity

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