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[Primary Antibody]

Recombinant Rabbit Anti-ADORA1 Monoclonal Antibody

Catalog Number: SLA0908M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Clonality:	Monoclonal
GeneID:	134
SWISS:	P30542
Target:	ADORA1
Immunogen:	A synthesized peptide derived from human ADORA1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) Flow-Cyt (1:50-100) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	37 kDa
Subcellular Location:	Membrane
Background:	Adenosine is involved in a variety of processes, including the synthesis of urea, the anti-inflammatory response, and the inhibition of protein synthesis. The Adenosine receptors, including Adenosine A1-R, Adenosine A2A-R, Adenosine A2B-R and Adenosine A3-R, are integral membrane proteins that are members of the G protein-coupled receptor family. Adenosine A1-R mediates ureagenesis in a partially calcium-dependent manner. Adenosine is known to mediate coronary vasodilation via Adenosine A2A-R. Collagen synthesis and total protein synthesis are inhibited in certain cells by Adenosine, acting via the A2B receptors. Activation of Adenosine A3-R inhibits the induction of TNF?and blocks the endotoxin CD14 receptor signal transduction pathway.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.