

RecomAb™

ADORA1 recombinant monoclonal antibody, clone R05-9E6

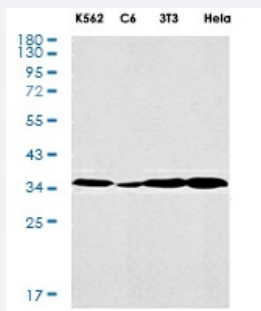
Catalog # RAB01315 Size 100 uL

Applications

Western Blot

Western blot analysis of Lysozyme in HL-60 lysates using Lysozyme antibody.

□



Western Blot

Western blot analysis of Adenosine A1 Receptor in K562, C6, 3T3, HeLa lysates using Adenosine A1 Receptor antibody.

Immunocytochemistry

Immunocytochemistry analysis of Lysozyme (green) in HEPG2 using Lysozyme antibody, and DAPI (blue).

□

Specification

Product Description

Rabbit recombinant monoclonal antibody raised against human ADORA1.

Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human ADORA1.
Theoretical MW (kDa)	Calculated MW: 37 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and 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.

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- Immunocytochemistry

Immunocytochemistry analysis of Lysozyme (green) in HEPG2 using Lysozyme antibody, and DAPI (blue).

- Immunocytochemistry

- Immunofluorescence

- Immunofluorescence

- Immunoprecipitation
- Immunoprecipitation

Gene Info — ADORA1

Entrez GeneID [134](#)

Protein Accession# [P30542](#)

Gene Name ADORA1

Gene Alias RDC7

Gene Description adenosine A1 receptor

Omim ID [102775](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is an adenosine receptor that belongs to the G-protein coupled receptor 1 family. There are 3 types of adenosine receptors, each with a specific pattern of ligand binding and tissue distribution, and together they regulate a diverse set of physiologic functions. The type A1 receptors inhibit adenylyl cyclase, and play a role in the fertilization process. Animal studies also suggest a role for A1 receptors in kidney function and ethanol intoxication. Transcript variants with alternative splicing in the 5' UTR have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000039090|OTTHUMP00000039091

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Asthma](#)
- [Brain Injuries](#)
- [Bulimia](#)

- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Epilepsy](#)
- [Fatigue](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
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