

ADA rabbit monoclonal antibody

Catalog # H00000100-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ADA peptide using ARM Technology.
Immunogen	A synthetic peptide of human ADA is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ADA peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ADA

Entrez GeneID	100
GeneBank Accession#	ADA
Gene Name	ADA
Gene Alias	-
Gene Description	adenosine deaminase
Omim ID	102700 608958
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that catalyzes the hydrolysis of adenosine to inosine. Various mutations have been described for this gene and have been linked to human diseases. Deficiency in this enzyme causes a form of severe combined immunodeficiency disease (SCID), in which there is dysfunction of both B and T lymphocytes with impaired cellular immunity and decreased production of immunoglobulins, whereas elevated levels of this enzyme have been associated with congenital hemolytic anemia. [provided by RefSeq]
Other Designations	adenosine aminohydrolase

Pathway

- [Metabolic pathways](#)
- [Primary immunodeficiency](#)
- [Purine metabolism](#)

Disease

- [Alcoholism](#)
- [Arthritis](#)
- [Asthma](#)
- [Autistic Disorder](#)

- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fatigue](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hyperbilirubinemia](#)
- [Hyperemia](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Interview](#)
- [Lymphopenia](#)
- [Malaria](#)
- [Mental Disorders](#)
- [Mental Retardation](#)
- [Metabolic Syndrome X](#)
- [Microsatellite Instability](#)
- [Severe combined immunodeficiency](#)

- [Sleep Disorders](#)
- [Sleep Initiation and Maintenance Disorders](#)

- [Viremia](#)