

DNASE1 rabbit monoclonal antibody

Catalog # H00001773-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DNASE1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DNASE1 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 DNASE1 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 — DNASE1

Entrez GeneID [1773](#)

GeneBank Accession# [DNASE1](#)

Gene Name DNASE1

Gene Alias DKFZp686H0155, DNL1, DRNI, FLJ38093, FLJ44902

Gene Description deoxyribonuclease I

Omim ID [125505](#) [152700](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the DNase family. This protein is stored in the zymogen granules of the nuclear envelope and functions by cleaving DNA in an endonucleolytic manner. At least six autosomal codominant alleles have been characterized, DNASE1*1 through DNASE1*6, and the sequence of DNASE1*2 represented in this record. Mutations in this gene have been associated with systemic lupus erythematosus (SLE), an autoimmune disease. A recombinant form of this protein is used to treat the one of the symptoms of cystic fibrosis by hydrolyzing the extracellular DNA in sputum and reducing its viscosity. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq]

Other Designations DNase I, lysosomal|Dornase alfa|human urine deoxyribonuclease I

Disease

- [Addison Disease](#)
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- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
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- [Genetic Predisposition to Disease](#)

- [Graves Disease](#)
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- [Thyroid Diseases](#)