

RAG1 rabbit monoclonal antibody

Catalog # H00005896-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RAG1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human RAG1 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 RAG1 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 — RAG1

Entrez GeneID	5896
GeneBank Accession#	RAG1
Gene Name	RAG1
Gene Alias	MGC43321, RNF74
Gene Description	recombination activating gene 1
Omim ID	179615 601457 603554 609889
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is involved in activation of immunoglobulin V-D-J recombination . The encoded protein is involved in recognition of the DNA substrate, but stable binding and cleavage activity also requires RAG2. Defects in this gene can be the cause of several diseases. [provided by RefSeq]
Other Designations	RING finger protein 74 V(D)J recombination-activating protein 1 recombination activating protein 1

Pathway

- [Primary immunodeficiency](#)

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Immunologic Deficiency Syndromes](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphopenia](#)
- [Lymphoproliferative Disorders](#)
- [Mouth Neoplasms](#)
- [Multiple Myeloma](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Precancerous Conditions](#)
- [Pulmonary Disease](#)
- [Severe combined immunodeficiency](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)