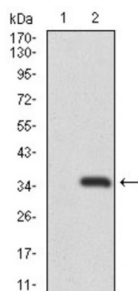
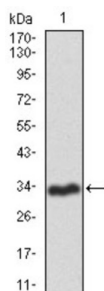


Recombination Activating Gene 1 (RAG1) Antibody

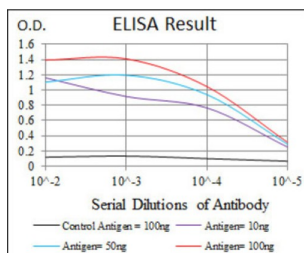
Catalogue No.: abx011872



Western blot analysis using RAG1 antibody against human RAG1 recombinant protein. (Expected MW is 31.6 kDa).



Western blot analysis using RAG1 antibody against HEK293 (1) and RAG1 (AA: 818-868) - hlgFc transfected HEK293 (2) cell lysate.



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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.

Target: Recombination Activating Gene 1 (RAG1)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA

Host: Mouse

Recommended dilutions: ELISA: 1/10000. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 3.0.0
Revision date: 02 Sep 2025



Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human RAG1 (AA: 818-868) expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P15918 (UniProt , ExPASy)
Gene Symbol:	RAG1
GeneID:	5896
OMIM:	179615
HGNC:	9831
KEGG:	hsa:5896
Ensembl:	ENSG00000166349
String:	9606.ENSP00000299440
Molecular Weight:	119 kDa
Buffer:	PBS, containing 0.05% sodium azide.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.