

DCLRE1C rabbit monoclonal antibody

Catalog # H00064421-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DCLRE1C peptide using ARM Technology.
Immunogen	A synthetic peptide of human DCLRE1C 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 DCLRE1C 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 — DCLRE1C

Entrez GeneID	64421
GeneBank Accession#	DCLRE1C
Gene Name	DCLRE1C
Gene Alias	A-SCID, DCLREC1C, FLJ11360, FLJ36438, RS-SCID, SCIDA, SNM1C
Gene Description	DNA cross-link repair 1C (PSO2 homolog, S. cerevisiae)
Omim ID	602450 603554 605988
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a nuclear protein that is involved in V(D)J recombination and DNA repair. The protein has single-strand-specific 5'-3' exonuclease activity; it also exhibits endonuclease activity on 5' and 3' overhangs and hairpins when complexed with protein kinase, DNA-activated, catalytic polypeptide. Mutations in this gene cause Athabaskan-type severe combined immunodeficiency (SCIDA). [provided by RefSeq]
Other Designations	OTTHUMP00000019166 OTTHUMP00000019167 OTTHUMP00000019168 OTTHUMP00000019170 OTTHUMP00000019171 OTTHUMP00000019172 OTTHUMP00000019174 OTTHUMP0000045150 artemis protein severe combined immunodeficiency, type a (Athabaskan)

Pathway

- [Non-homologous end-joining](#)
- [Primary immunodeficiency](#)

Disease

- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)

- [Immunologic Deficiency Syndromes](#)
- [Lymphopenia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Severe combined immunodeficiency](#)
- [Werner syndrome](#)