

NHEJ1 rabbit monoclonal antibody

Catalog # H00079840-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NHEJ1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NHEJ1 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 NHEJ1 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 — NHEJ1

Entrez GeneID [79840](#)

GeneBank Accession# [NHEJ1](#)

Gene Name NHEJ1

Gene Alias FLJ12610, XLF

Gene Description nonhomologous end-joining factor 1

Omim ID [611290](#)

Gene Ontology [Hyperlink](#)

Gene Summary Double-strand breaks in DNA result from genotoxic stresses and are among the most damaging of DNA lesions. This gene encodes a DNA repair factor essential for the nonhomologous end-joining pathway, which preferentially mediates repair of double-stranded breaks. Mutations in this gene cause different kinds of severe combined immunodeficiency disorders. [provided by RefSeq]

Other Designations Cernunnos|XRCC4-like factor

Pathway

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

Disease

- [Breast cancer](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)

- [Neoplasms](#)
- [Recurrence](#)
- [Werner syndrome](#)