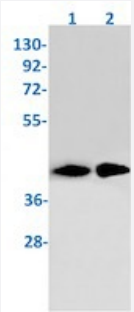
RecomAb™

NHEJ1 recombinant monoclonal antibody, clone R08-9D7

Catalog # RAB01822 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane1: K562 and Lane2: Hela lysates with NHEJ1 recombinant monoclonal antibody, clone R08-9D7 (Cat # RAB01822).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NHEJ1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human NHEJ1.
Theoretical MW (kDa)	Calculated MW: 33 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

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Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western blot analysis of Lane1: K562 and Lane2: Hela lysates with NHEJ1 recombinant monoclonal antibody, clone R08-9D7 (Cat # RAB01822).

Gene Info — NHEJ1

Entrez GeneID	79840
Protein Accession#	Q9H9Q4
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-join ing pathway, which preferentially mediates repair of double-stranded breaks. Mutations in this gen e cause different kinds of severe combined immunodeficiency disorders. [provided by RefSeq
Other Designations	Cernunnos|XRCC4-like factor

Pathway

- Non-homologous end-joining

Disease

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- Breast cancer
- Carcinoma
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Meningeal Neoplasms
- Meningioma
- Multiple Sclerosis
- Neoplasms
- Recurrence
- Werner syndrome

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