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**Product Name: XLF Rabbit Monoclonal Antibody****Catalog #: AMRe84031**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ICC,FC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.68mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100
<b>Molecular Weight</b>	Calculated MW: 33 kDa ; Observed MW: 39 kDa

**Antigen Information**

<b>Gene Name</b>	XLF
<b>Alternative Names</b>	Cernunno; Nhej1; Non homologous end joining factor 1; Protein cernunnos; XLF; XRCC4 like factor;;NHEJ1
<b>Gene ID</b>	
<b>SwissProt ID</b>	Q9H9Q4
<b>Immunogen</b>	A synthesized peptide derived from human NHEJ1

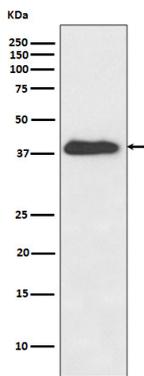
**Background**

DNA repair protein involved in DNA non-homologous end joining (NHEJ); required for double-strand break (DSB) repair and

V(D)J recombination. Plays a key role in NHEJ by promoting the ligation of various mismatched and non-cohesive ends. Together with PAXX, collaborates with DNA polymerase lambda (POL) to promote joining of non-cohesive DNA ends.

## Research Area

## Image Data



Western blot analysis of XLF expression in Jurkat cell lysate.

All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

