Product Datasheet

XLF Rabbit mAb

Catalog No: #52658

Package Size: #52658-1 50ul #52658-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

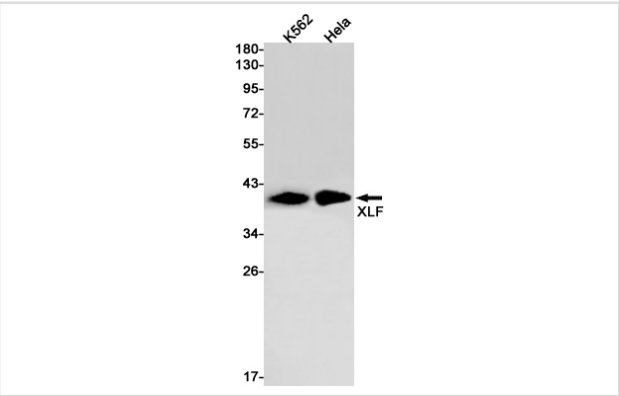
Description

Product Name	XLF Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-9D7
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human XLF
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Cernunno; Nhej1; Non homologous end joining factor 1; Protein cernunnos; XLF; XRCC4 like factor;
Accession No.	Swiss-Prot:Q9H9Q4GeneID:
Uniprot	Q9H9Q4
Calculated MW	Calculated MW: 33 kDa; Observed MW: 39 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of XLF in K562,Hela cell lysates using XLF Rabbit mAb(1:1000 diluted).Predicted band size:33kDa.Observed band size:39kDa.

Background

Swiss-Prot Acc.Q9H9Q4.DNA repair protein involved in DNA nonhomologous end joining (NHEJ) required for double-strand break (DSB) repair and

V(D)J recombination. May serve as a bridge between XRCC4 and the other NHEJ factors located at DNA ends, or may participate in reconfiguration of the end bound NHEJ factors to allow XRCC4 access to the DNA termini. It may act in concert with XRCC6/XRCC5 (Ku) to stimulate XRCC4-mediated joining of blunt ends and several types of mismatched ends that are noncomplementary or partially complementary (PubMed:16439204, PubMed:16439205, PubMed:17470781). Binds DNA in a length-dependent manner (PubMed:17317666).

Note: This product is for in vitro research use only