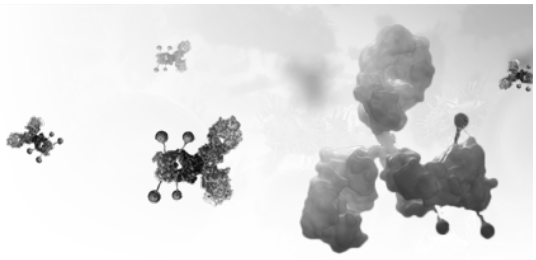

Anti-NHEJ1 monoclonal antibody, clone 4F6 (DCABH-568)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to XLF
Antigen Description	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.
Immunogen	Recombinant full length Human XLF protein produced in HEK293T cells (NP_079058).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4F6
Purification	This antibody is purified from Mouse ascites fluid by affinity chromatography.
Conjugate	Unconjugated
Applications	WB
Positive Control	HEK293T cell lysate transfected with pCMV6-ENTRY XLF cDNA.
Format	Liquid
Size	100 µl

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Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	NHEJ1 nonhomologous end-joining factor 1 [Homo sapiens]
Official Symbol	NHEJ1
Synonyms	NHEJ1; nonhomologous end-joining factor 1; non-homologous end-joining factor 1; Cernunnos; FLJ12610; XLF; XRCC4-like factor; protein cernunnos;
Entrez Gene ID	79840
Protein Refseq	NP_079058
UniProt ID	Q9H9Q4
Chromosome Location	2q35
Pathway	Non-homologous end joining, organism-specific biosystem; Non-homologous end-joining, organism-specific biosystem; Non-homologous end-joining, conserved biosystem;
Function	DNA binding; protein binding;

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