

For Research Use Only

XLF Monoclonal antibody, PBS Only

Catalog Number: 66552-1-PBS



Basic Information

Catalog Number: 66552-1-PBS	GenBank Accession Number: BC030986	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 79840	CloneNo.: 1F8C7
Source: Mouse	UNIPROT ID: Q9H9Q4	
Isotype: IgG2b	Full Name: nonhomologous end-joining factor 1	
Immunogen Catalog Number: AG2496	Calculated MW: 35 kDa	
	Observed MW: 37 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human

Background Information

XRCC4-like factor (XLF), also known as Cernunnos and NHEJ1, is a protein encoded by the human NHEJ1 gene and an important repair factor for DNA double-strand breaks. NHEJ is a well-known mechanism for the repair of double-strand breaks (DSBs), a lethal type of DNA damage in mammalian cells. It basically utilizes a group of enzymes to take hold of the ends of a broken DNA molecule, create a bridge between them, and subsequently re-ligate the broken DNA molecule.

Storage

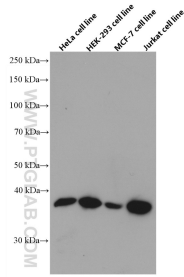
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

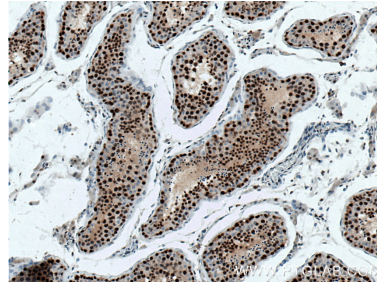
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

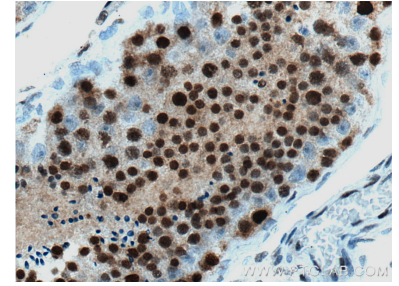
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66552-1-Ig (XLF antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66552-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66552-1-Ig (XLF antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66552-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66552-1-Ig (XLF antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66552-1-PBS in a different storage buffer formulation.