

For Research Use Only

PBX3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86595-3-PBS



Basic Information

Catalog Number: 86595-3-PBS	GenBank Accession Number: BC016977	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5090	CloneNo.: 251518A4
Source: Rabbit	UNIPROT ID: P40426	
Isotype: IgG	Full Name: pre-B-cell leukemia homeobox 3	
Immunogen Catalog Number: AG3239	Calculated MW: 434 aa, 47 kDa	
	Observed MW: 47-50 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

PBX3 is a homeodomain-containing transcription factor of the pre-B cell leukemia (PBX) family, members of which have extensive roles in early development and some adult processes. It plays crucial roles in embryonic development, organogenesis, and cell differentiation by regulating the expression of downstream target genes. Beyond its physiological functions, PBX3 is increasingly recognized for its significant involvement in oncogenesis. It is frequently overexpressed in various malignancies, including leukemias and solid tumors, where it promotes cell proliferation, inhibits apoptosis, enhances invasion and metastasis, and contributes to chemotherapy resistance.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

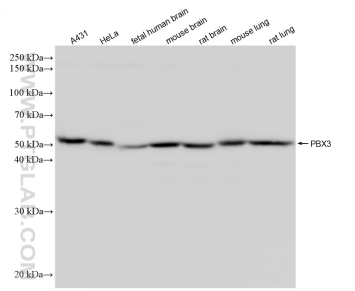
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86595-3-RR (PBX3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86595-3-PBS in a different storage buffer formulation.