

For Research Use Only

Phospho-LAT (Tyr220) Recombinant monoclonal antibody, PBS Only

Catalog Number: 87289-1-PBS



Basic Information

Catalog Number: 87289-1-PBS	GenBank Accession Number: BC011563	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 27040	CloneNo.: 252580D5
Source: Rabbit	UNIPROT ID: O43561	
Isotype: IgG	Full Name: linker for activation of T cells	
	Calculated MW: 262 aa, 28 kDa	
	Observed MW: 36 kDa, 38 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

LAT is a membrane-localized adaptor protein which is primarily concentrated in microdomains by palmitoylation. Phospho-LAT (Tyr220) is a phosphorylated form of the Linker for Activation of T cells (LAT), a protein that plays a pivotal role in T cell receptor (TCR) signaling. LAT is involved in the assembly of the signaling complex that leads to T cell activation. Upon TCR engagement, LAT becomes phosphorylated at multiple tyrosine residues, including Tyr220. (PMID: 38746248)

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

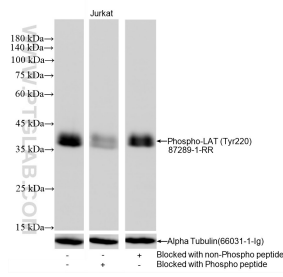
For technical support and original validation data for this product please contact:

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Selected Validation Data



Jurkat cell lysates were subjected to SDS PAGE followed by western blot with 87289-1-RR (Phospho-LAT (Tyr220) antibody) blocked with BSA only, Phospho-LAT (Tyr220) peptide or non-Phospho peptide were subjected to SDS PAGE followed by western blot with 87289-1-RR (LAT-Tyr220 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87289-1-PBS in a different storage

