

## Anti-Phospho-LAT (Tyr220) Antibody (9N847)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	9N847
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of Phospho-LAT (Y220) in Jurkat cell treated with CD3 lysate.
Application:	ICC/IF,IHC,IHC-Fr,IP,WB
Recommended	ICC/IF: 1:50-1:200; IHC: 1:100-1:200; IHC-Fr: 1:50-1:200; IP: 1:20-1:50; WB: 1:1000-1:2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human LAT around the phosphorylation site of Y220
Synonyms:	LAT (p-Y220);p-LAT (Tyr220);lat;pp36;p-LAT (Y220);LAT1;36 kDa phospho-tyrosine adaptor protein;LAT (p-Tyr220)

### Research Background

Required for TCR (T-cell antigen receptor)- and pre-TCR-mediated signaling, both in mature T-cells and during their development. Involved in FCGR3 (low affinity immunoglobulin gamma Fc region receptor III)-mediated signaling in natural killer cells and FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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