

Anti-Phospho-LAT (Tyr200) Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R010216

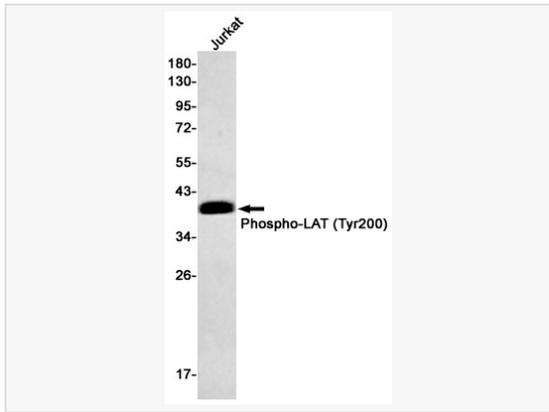
Product Information

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| Application | WB, ELISA |
| Reactivity | Human |
| Dilution | WB 1:500~1:1,000 |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone No. | 96L72M05 |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthetic phosphopeptide corresponding to residues surrounding Tyr200 of human LAT |
| Format | Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-Phospho-LAT (Tyr200) antibody [96L72M05] is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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| Synonyms | LAT, Linker for activation of T-cells family member 1, 36 kDa phospho-tyrosine adapter protein, pp36, p36-38. |
| Calculated MW | Calculated MW: 28 kDa; Observed MW: 36-38 kDa |
| Uniprot ID | O43561 |
| Gene ID | 27040 |
| 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. Couples activation of these receptors and their associated kinases with distal intracellular events such as mobilization of intracellular calcium stores, PKC activation, MAPK activation or cytoskeletal reorganization through the recruitment of PLCG1, GRB2, GRAP2, and other signaling molecules. |

Validation Images



Western blot analysis of Phospho-LAT (Tyr200) in Jurkat lysates using Phospho-LAT (Tyr200) antibody [96L72M05].