

## Anti-Lck Rabbit mAb

Purified Rabbit Monoclonal Antibody

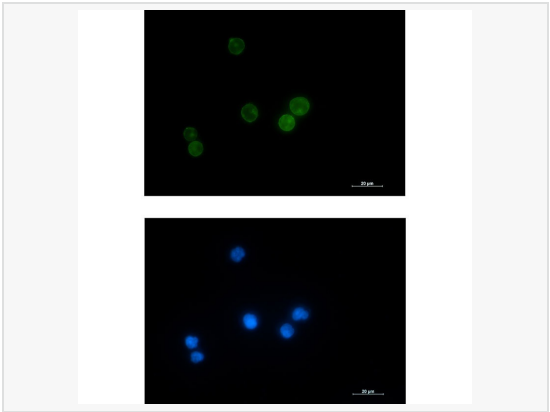
Catalog # R010316

### Product Information

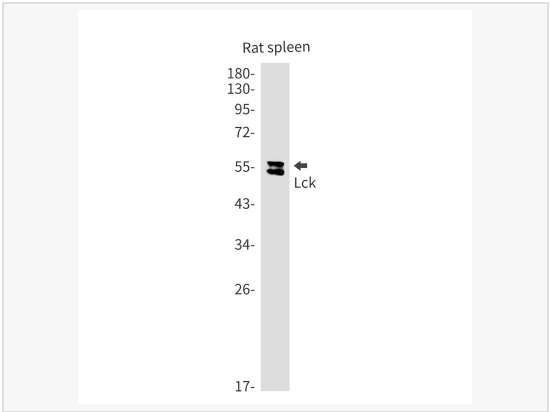
|             |                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Application | WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, ELISA                                                                |
| Reactivity  | Rat, Human                                                                                                                            |
| Dilution    | WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20                                                                            |
| Host        | Rabbit                                                                                                                                |
| Clonality   | Monoclonal                                                                                                                            |
| Clone No.   | 25K71L38                                                                                                                              |
| Isotype     | IgG                                                                                                                                   |
| Label       | Unconjugated                                                                                                                          |
| Immunogen   | Recombinant protein of human Lck                                                                                                      |
| 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-Lck antibody [25K71L38] is for research use only and not for use in diagnostic or therapeutic procedures.                        |

### Protein Information

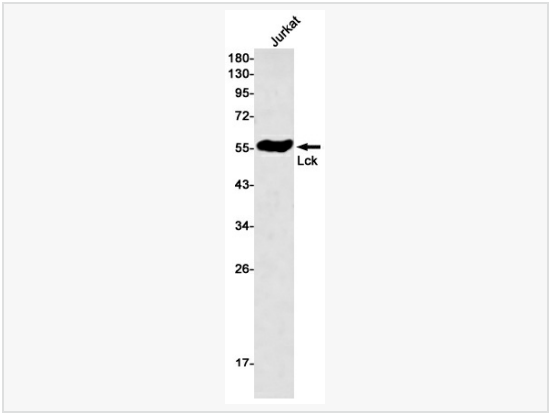
|               |                                                                                                                                                                                                                                                                                     |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synonyms      | LCK, Tyrosine-protein kinase Lck, Leukocyte C-terminal Src kinase, LSK, Lymphocyte cell-specific protein-tyrosine kinase, Protein YT16, Proto-oncogene Lck, T cell-specific protein-tyrosine kinase, p56-LCK.                                                                       |
| Calculated MW | Calculated MW: 58 kDa; Observed MW: 58 kDa                                                                                                                                                                                                                                          |
| Uniprot ID    | P06239                                                                                                                                                                                                                                                                              |
| Gene ID       | 3932                                                                                                                                                                                                                                                                                |
| Background    | The Src family of protein tyrosine kinases, which includes Src, Lyn, Fyn, Yes, Lck, Blk, and Hck, are important in the regulation of growth and differentiation of eukaryotic cells. Src activity is regulated by tyrosine phosphorylation at two sites, but with opposing effects. |



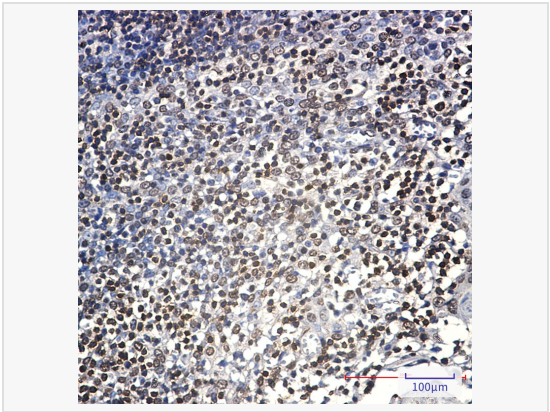
Immunocytochemistry analysis of Lck (green) in Jurkat using Lck antibody and DAPI (blue) .



Western blot analysis of Lck in rat spleen lysates using Lck antibody.



Western blot analysis of Lck in Jurkat lysates using Lck antibody



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Lck antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.