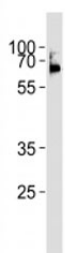


## LCK Antibody (F48246)

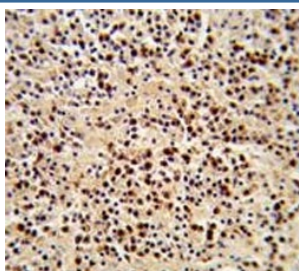
| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F48246-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F48246-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

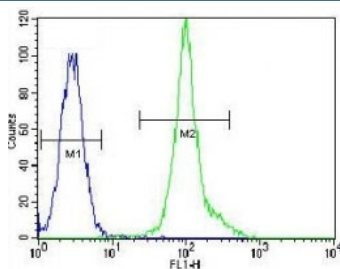
|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                                  |
| <b>Species Reactivity</b> | Human                                                                              |
| <b>Format</b>             | Purified                                                                           |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                                         |
| <b>Isotype</b>            | Rabbit Ig                                                                          |
| <b>Purity</b>             | Purified                                                                           |
| <b>UniProt</b>            | P06239                                                                             |
| <b>Applications</b>       | Western Blot : 1:1000<br>IHC (Paraffin) : 1:50-1:100<br>Flow Cytometry : 1:10-1:50 |
| <b>Limitations</b>        | This LCK antibody is available for research use only.                              |



LCK antibody western blot analysis in Ramos lysate. Predicted molecular weight ~58 kDa.



IHC analysis of FFPE human lymphoma stained with LCK antibody



LCK antibody flow cytometric analysis of HeLa cells (green) compared to a [negative control](#) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

## Description

LCK is a member of the Src family of protein tyrosine kinases (PTKs). This protein is a key signaling molecule in the selection and maturation of developing T-cells. It contains N-terminal sites for myristylation and palmitoylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-protein interactions with phosphotyrosine-containing and proline-rich motifs, respectively. The protein localizes to the plasma membrane and pericentrosomal vesicles, and binds to cell surface receptors, including CD4 and CD8, and other signaling molecules.

## Application Notes

Titration of the LCK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 480-509 from the human protein was used as the immunogen for this LCK antibody.

## Storage

Aliquot the LCK antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.