

# Product Datasheet

## Lck Antibody (693010) [CoraFluor™ 1] FAB37041CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**FAB37041CL1**

Lck Antibody (693010) [CoraFluor™ 1]

| Product Information |   |
|---------------------|---|
| Unit Size           | 0.1 ml  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark. Do not freeze.   |
| Clonality           | Monoclonal  |
| Clone               | 693010  |
| Preservative        | No Preservative   |
| Isotype             | IgG2a   |
| Conjugate           | CoraFluor 1   |
| Purity              | Protein A or G purified   |
| Buffer              | PBS   |

| Product Description     |   |
|-------------------------|---|
| Description             | CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. |
| Host                    | Mouse   |
| Gene ID                 | 3932  |
| Gene Symbol             | LCK   |
| Species                 | Human   |
| Specificity/Sensitivity | Detects human Lck in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant rat Lck is observed.   |
| Immunogen               | <i>E. coli</i> -derived recombinant human Lck<br>Met1-Val66<br>Accession # P06239   |
| Notes                   | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254   |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Simple Western, CyTOF-ready, Immunocytochemistry, Intracellular Staining by Flow Cytometry |
| Recommended Dilutions       | Western Blot, Simple Western, Intracellular Staining by Flow Cytometry, Immunocytochemistry, CyTOF-ready |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                   |





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### **Products Related to FAB37041CL1**

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|               |                                 |
|---------------|---------------------------------|
| NBP1-85804PEP | Lck Recombinant Protein Antigen |
| 202-IL-010    | IL-2 [Unconjugated]             |
| NBL1-12459    | Lck Overexpression Lysate       |
| AF114         | CD45 Antibody [Unconjugated]    |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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