

AF/LE Purified Anti-Mouse CD4 Antibody[GK1.5]

Catalog Number: GF10970

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

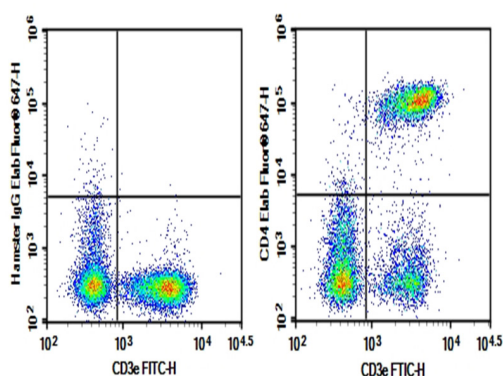
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|--------------|---|
| Reactivity | Mouse |
| Immunogen | Recombinant Mouse CD4 protein |
| Host | Rat |
| Isotype | Rat IgG2b, κ |
| Clone | GK1.5 |
| Purification | >98%, Protein A/G purified |
| Conjugation | None (AF/LE) |
| Buffer | Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method. |

Applications

Recommended Dilution

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| FCM | 2 $\mu\text{g/mL}$ (0.5×10^6 - 1×10^6 cells) |
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Data



C57/BL6 Mouse splenocytes were stained with 0.2 μg AF/LE Purified Anti-Mouse CD4 Antibody[GK1.5] (Right) and 0.2 μg Armenian Hamster IgG, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti- Armenian Hamster IgG Secondary Antibody, then anti-Mouse CD3e FITC-conjugated Monoclonal Antibody.

Preparation & Storage

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| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions. |
| Shipping | Ice bag |

Background

CD4 is a 55 kD protein also known as L3T4 or T4. It is a member of the Ig superfamily, primarily expressed on most thymocytes, a subset of T cells, and weakly on macrophages and dendritic cells. It acts as a coreceptor with the TCR during T cell activation and thymic differentiation by binding MHC class II and associating with the protein tyrosin kinase, lck.