

Anti-CD4 Antibody (mouse), clone GK1.5 | PA007200.m2c

Catalog No.: PA007200.m2c | Isotype: Mouse IgG2c Kappa | In Vivo Grade

Recombinant rat IgG2b isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

Product Specifications

Catalog No.	PA007200.m2c
Product Name	In vivo Grade Recombinant Anti-mouse CD4 Monoclonal Antibody, Mouse IgG2c Kappa (Clone: GK1.5)
Clone & Isotype	GK1.5 Mouse IgG2c Kappa
Uniprot ID & Gene ID	CD4 on UniProt.org Gene ID: 12504
Applications	ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by the mouse CD4 protein.
Reactivity & Immunogen	Mouse T cell receptor CD4. Recombinant mouse CD4.
Immunogen / Host	The anti-mouse CD4 monoclonal antibody (clone: GK1.5) was produced in mammalian cells.
Purification	The in vivo grade recombinant anti-mouse CD4 monoclonal antibody was affinity-purified by protein A.
Purity & Endotoxin	>95% by SDS-PAGE under reducing conditions and HPLC. < 1 EU per 1 mg of the protein by the LAL method.
Formulation	0.2 uM filtered solution, pH 7.4, no stabilizers or preservatives.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 1 month from date of receipt, 2 to 8°C as supplied.

Biological Description & Background

The Recombinant Anti-mouse CD4 Monoclonal Antibody (Clone: GK1.5) from Syd Labs is a high-purity, in vivo grade research tool designed for the specific detection and functional modulation of mouse CD4 protein. This mouse IgG2c kappa monoclonal antibody is produced recombinantly in mammalian cells, ensuring exceptional consistency and reliability for advanced immunology research, particularly in studies involving T cell biology and immune regulation.

Ordering & Technical Support

For custom volume ordering or inquiries, please visit the product webpage or contact our support team:

- **Product Webpage:** <https://www.ushelf.com/anti-mouse-cd4-monoclonal-antibody-pa007200-m2c/>
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com