

Anti-human CD4 Antibody (Clone: 13B8.2) | PA007385.m1

Catalog No.: PA007385.m1 | Isotype: Mouse IgG1 Kappa | In Vivo Grade

Recombinant mouse IgG1 isotype controls and Recombinant human IgG1 isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

Product Specifications

Catalog No.	PA007385.m1
Product Name	In vivo Grade Recombinant Anti-human CD4 Monoclonal Antibody (Clone: 13B8.2), Mouse IgG1 Kappa
Clone & Isotype	13B8.2. Mouse IgG1 Kappa
Synonyms	cluster of differentiation 4, leu-3, T4
Applications	ELISA, flow cytometry, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by the human CD4 protein.
Immunogen / Host	The anti-human CD4 monoclonal antibody (clone: 13B8.2) was produced in mammalian cells.
Purity & Endotoxin	>95% by SDS-PAGE under reducing conditions < 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 & Research Applications

Recombinant mouse IgG1 Monoclonal Antibody.

Background: The recombinant 13B8.2 antibody binds to the human CD4 protein (cluster of differentiation 4), a glycoprotein and the co-receptor for the T-cell receptor (TCR). The CD4 protein is expressed on the surface of immune cells such as helper T cells, monocytes, macrophages, and dendritic cells.

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-human-cd4-monoclonal-antibody-pa007385-m1/>
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com