

Anti-Mouse CD152/CTLA4 Antibody (9D9) | PA007380.m2cLA

Catalog No.: PA007380.m2cLA | **Isotype:** Mouse IgG2c-LALAPG Kappa | **In Vivo Grade**

Recombinant mouse IgG2b isotype control, Recombinant mouse IgG2c LALAPG isotype control, and Recombinant mouse IgG2a LALAPG isotype control are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

Product Specifications

Catalog No.	PA007380.m2cLA
Product Name	In vivo Grade Recombinant Anti-mouse CTLA-4 Monoclonal Antibody, Mouse IgG2c-L234A L235A P329G (LALAPG) Kappa (Clone: 9D9)
Clone & Isotype	9D9 Mouse IgG2c-LALAPG Kappa
Synonyms	cytotoxic T-lymphocyte associated antigen 4, cytotoxic T-lymphocyte antigen 4, CD152, CTLA4
Applications	ELISA, flow cytometry, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by the mouse CTLA-4 protein.
Reactivity & Immunogen	Mouse CTLA-4 protein. Recombinant mouse CTLA-4 / CD152.
Immunogen / Host	The in vivo grade recombinant mouse monoclonal antibody (clone: 9D9) specifically binds to the mouse CTLA-4 protein.
Purification	The in vivo grade recombinant anti-mouse CTLA-4 monoclonal antibody was affinity-purified by protein A.
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 & Background

The 9D9 antibody blocks the mouse cytotoxic T lymphocyte antigen-4 (CTLA-4). Blocking CTLA-4 removes an inhibitory signal from reducing the activity of T lymphocytes.

Cytotoxic T-lymphocyte antigen-4 (CTLA-4) is an inhibitory molecule that competes with the stimulatory CD28 for binding to B7 on antigen presenting cells. CTLA-4 and CD28 are both presented on the surface of T-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-mouse-ctla-4-monoclonal-antibody-clone-9d9-pa007380-m2cla/>
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com