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In vivo Grade Recombinant Anti-mouse CTLA-4 Monoclonal Antibody, Mouse IgG2b Kappa (Clone: 9D9)

Catalog No.: YR0380

Basic Information

Molecular Weight
150kDa

Endotoxin
<1EU/mg (<0.001EU/μg)Determined by LAL gel clotting assay

Sterility
0.2 μm filtration

Aggregation
<5% Determined by SECP

Purity
>95% Determined by SDS-PAGE

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.

Reported 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

Immunogen Information

Clone
9D9

Isotype
Mouse IgG2b

Immunogen

RecommendedIsotype Control(s)

Recommended Dilution Buffer
1×PBS

Contact

400-999-6126

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Product Information

Production
Purified from cell culture supernatant in an animal-free facility

Purification
Protein A/G

Storage
Store at -20℃