

Biotin Anti-Mouse CD152 Monoclonal Antibody

天津三箭生物技术股份有限公司
Tianjin Sungene Biotech Co., Ltd.
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
M11521-08B	50 µg
M11521-08E	500 µg

Market | 400-621-0003
marketing@sungenebiotech.com

Support | 022-66211636-8024
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Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

Purified Antibody Characterization

Clone	Isotype	Reactivity
UC10-4F10-11	Hamster IgG	Mouse

Description

CD152, also known as CTLA-4 or Ly-56, is a 33 kD member of the immunoglobulin superfamily. It is expressed on activated T and B lymphocytes. CD152 is similar to CD28 in amino acid sequence, structure, and genomic organization and these two receptors share common B7 family counter-receptors (B7-1, B7-2). Whereas CD28 delivers a costimulatory signal in T cell activation, CTLA-4 negatively regulates cell-mediated immune responses. CD152 is thought to play a role in the induction and maintenance of immunological tolerance as well as the development of protective immunity and thymocyte regulation.

Product Information

Conjugation: Biotin

Formulation: PBS pH 7.2, 0.09% NaN₃, 0.2% BSA

Concentration: 0.5 mg/ml

Storage: Keep as concentrated solution. Store at 4°C and protected from prolonged exposure to light. **Do not freeze.**

Application: Recommended Application: FC

Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis (The amount of the reagent is suggested to be used $\leq 1.0 \mu\text{g}/10^6$ cells in 100 µl). Since applications vary, the appropriate dilutions must be determined for individual use.

References

- [1] Barclay A, et al. 1997. The Leukocyte Antigen FactsBook Academic Press.
- [2] Allison JP, et al. 1995. Science 270:932.
- [3] Waterhouse P, et al. 1995. Science 270:985.
- [4] Linsley PS, et al. 1991. J. Exp. Med. 174:561.

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