

## APC Anti-Mouse CD137(4-1BB) 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
M11371-11A	25 µg
M11371-11C	100 µg

**Market** | 400-621-0003  
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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.

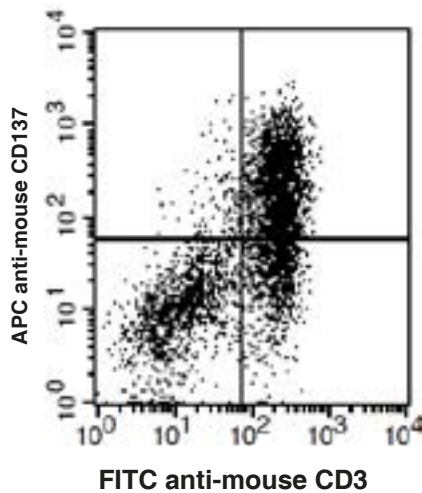
### Purified Antibody Characterization

Clone	Isotype	Reactivity
LOB12.3	Rat IgG1	Mouse

### Description

4-1BB ligand, also known as CD137L, is a 97 kD member of the TNF superfamily present on antigen-presenting cells (dendritic cells and macrophages) and activated B and T lymphocytes. 4-1BBL interacts with 4-1BB (CDw137) to induce T and B cell costimulation.

### Illustration of Immunofluorescent Staining



CoA (3-day) stimulated C57BL/6 mouse splenocytes stained with FITC anti-mouse CD3 and APC anti-mouse CD137

### Product Information

**Conjugation:** APC

**Formulation:** PBS pH 7.2, 0.09% NaN<sub>3</sub>, 0.2% BSA

**Concentration:** 0.2 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  $\leq 0.25 \mu\text{g} / 10^6$  cells in 100 µl). Since applications vary, the appropriate dilutions must be determined for individual use.

### References

- [1] Pollok KE, et al. 1995. Eur. J. Immunol. 25:488.
- [2] DeBenedette MA, et al. 1997. J. Immunol. 158:551.
- [3] Pollok KE, et al. 1993. J. Immunol. 150:771.
- [4] Pollok KE, et al. 1994. Eur. J. Immunol. 24:367.
- [5] Goodwin RG, et al. 1993. Eur. J. Immunol. 23:2631.

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