

## Biotin Anti-Human CD40 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
H10402-08A	25 ug
H10402-08C	100 ug

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

**Support** | 022-66211636-8024  
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**Web** | www.sungenebiotech.com

**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
G28.5	Mouse IgG1	Human

### Description

CD40 is a 48 kD type I glycoprotein also known as BP50. It is a member of the TNFR superfamily primarily expressed on B cells, macrophages, follicular dendritic cells, endothelial cells, fibroblasts, and at low levels on plasma cells. CD40 has been reported to be involved in B cell differentiation, costimulation, isotype class-switching, and protection from apoptosis. Additionally, CD40 is important for T cell-B cell interactions. The ligand of CD40 is CD154 (CD40 ligand). The G28.5 antibody has been reported to promote B cell proliferation in the presence of anti-IgM, IL-4 or PMA.

### Product Information

**Conjugation:** Biotin

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

**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  $\leq 0.125$   $\mu\text{g}$  per  $10^6$  cells in 100  $\mu\text{l}$  volume or 100  $\mu\text{l}$  of whole blood. Please check your vial). Since applications vary, the appropriate dilutions must be determined for individual use.

### References

- [1] Banchereau J, et al. 1994. Annu. Rev. Immunol. 12:881.
- [2] Foy T, et al. 1996. Annu. Rev. Immunol. 14:591.

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