PE/Cy5 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
H10402-35G	25 tests
H10402-35H	100 tests

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

Support | 022-66211636-8024
techsupport@sungenebiotech.com

Web | www.sungenebiotech.com

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
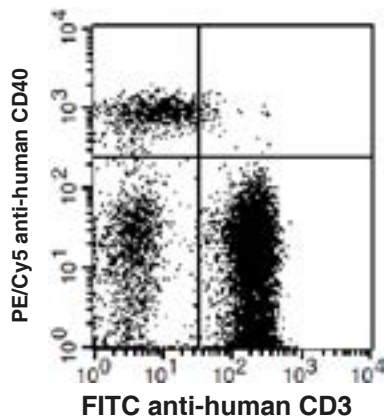This product is guaranteed up to one year from purchase.

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.

Illustration of Immunofluorescent Staining

Human peripheral blood lymphocytes stained with
FITC anti-human CD3 and PE/Cy5 anti-human CD40

Product Information

Conjugation: PE/Cy5

Formulation: PBS pH 7.2, 0.09% NaN$_3$, 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 from 20 µL to 5 µL per 100 µL of peripheral 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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