APC Anti-Human CD54 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
H10541-11G	25 tests
H10541-11H	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.
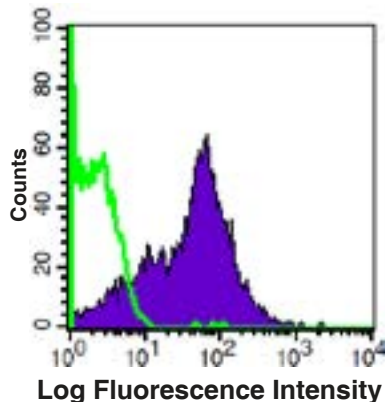
Purified Antibody Characterization

Clone	Isotype	Reactivity
R6-5-D6	Mouse IgG2a	Human

Description

CD54 is a 85-110 kD type I transmembrane protein also known as ICAM-1. It is expressed on activated endothelial cells, high endothelial venules, T and B cells, monocytes/macrophages, granulocytes, and dendritic cells. The expression of ICAM-1 can be released from the cell surface. CD54 plays a role in cellular adhesion and is involved in inflammation and leukocyte extravasation. CD54 has also been shown to be the major cellular receptor for rhinovirus. ICAM-1 binds to CD11a/CD18 (LFA-1), CD11b/CD18 (Mac-1), CD11c/CD18 (p150, 95) as well as hyaluronan and fibrinogen.

Illustration of Immunofluorescent Staining

Log Fluorescence Intensity

Human peripheral blood lymphocytes stained with APC anti-human CD54

Product Information

Conjugation: APC

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] Voraberger G, et al. 1991. J. Immunol. 147:2777.
[2] Staunton DE, et al. 1988. Cell 52:925.
[3] Greve JM, et al. 1989. Cell 56:839.

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