

APC Anti-Human CD28 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
H30281-11G	25 tests
H30281-11H	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.

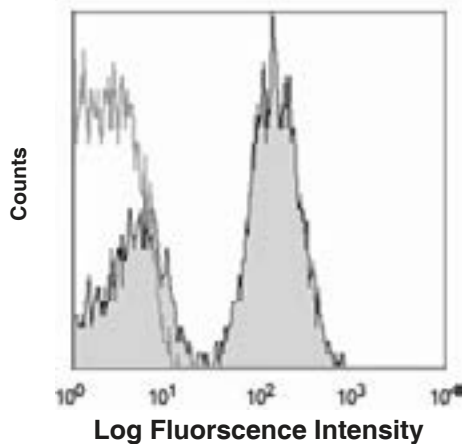
Purified Antibody Characterization

Clone	Isotype	Reactivity
CD28.2	Mouse IgG1	Human

Description

CD28 is a 44 kD disulfide-linked homodimeric type I glycoprotein. It is a member of the immunoglobulin superfamily and is also known as T44 or Tp44. CD28 is expressed on most T lineage cells, NK cell subsets, and plasma cells. CD28 binds both CD80 and CD86 using a highly conserved motif MYPPY in the CDR3-like loop. CD28 is considered a major co-stimulatory molecule, inducing T lymphocyte activation and IL-2 synthesis, and preventing cell death. In vitro studies indicate that ligation of CD28 on T cells by CD80 and CD86 on antigen presenting cells provides a costimulatory signal required for T cell activation and proliferation.

Illustration of Immunofluorescent Staining



Human peripheral blood lymphocytes
stained with APC anti-human CD28

Product Information

Conjugation: APC

Formulation: PBS pH 7.2, 0.09% NaN₃,
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] Schlossman S, et al. Eds. 1995. Leucocyte Typing V. Oxford University Press. New York.
- [2] June CH, et al. 1994. Immunol. Today 15:321.
- [3] Linskey PS, et al. 1993. Annu. Rev. Immunol. 11:191.

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