

PE Anti-Human CD47 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
H10471-09G	25 tests
H10471-09H	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.

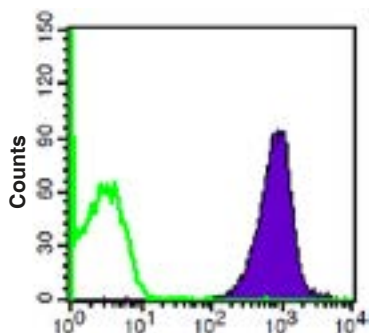
Purified Antibody Characterization

Clone	Isotype	Reactivity
B6H12	Mouse IgG1	Human

Description

CD47 antigen, also known as integrin-associated protein (IAP), is expressed on all hematopoietic cells, including leukocytes, platelets and erythrocytes. It is also expressed on epithelial cells, endothelial cells, fibroblasts and many tumor cell lines. CD47 may play a role as a signal transducer in the regulation of cation fluxes across cell membranes and in the chemotactic and adhesive interactions of leukocytes with endothelial cells. B6H12 antibody is capable of blocking phagocytosis of microparticles by peripheral blood granulocytes. It has also been reported to induce proliferation of CD3-activated T cells.

Illustration of Immunofluorescent Staining



Log Fluorescence Intensity

Human peripheral blood lymphocytes stained
with PE anti-human CD47

Product Information

Conjugation: PE

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] Anstee DJ, et al. 1995. In Leucocyte Typing V (Schlossman ed.) Oxford University Press Oxford pp233-234.
- [2] Brown E, et al. 1990. J. Cell Biol. 111:2785.
- [3] Gao AG, et al. 1996. J. Biol. Chem. 271:21.
- [4] Lindberg FP, et al. 1994. J. Biol. Chem. 269:1567.

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