

PE Anti-Rat CD4 (domain 1) 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
R10041-09B	50 µg
R10041-09D	200 µg

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.

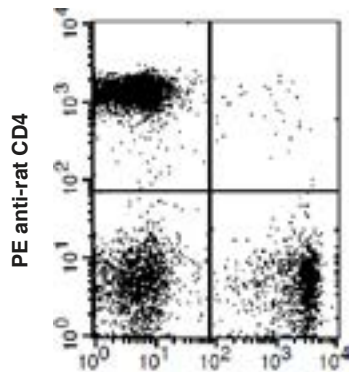
Purified Antibody Characterization

Clone	Isotype	Reactivity
OX-38	Mouse IgG2a	Rat

Description

CD4, also known as T4, is a 55kD glycoprotein member of the immunoglobulin superfamily and is expressed on majority of thymocytes, macrophages, and a peripheral T cell subset (T helper cells). CD4 is a T cell co-receptor that interacts with the MHC class II molecule and is involved in T cell activation.

Illustration of Immunofluorescent Staining



APC anti-rat CD8

Wister rat splenocytes stained with
PE anti-rat CD4 and APC anti-rat CD8
antibody

Product Information

Conjugation: PE

Formulation: PBS pH 7.2, 0.09% NaN₃,
0.2% BSA

Concentration: 0.2 mg/ml

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 ≤ 0.06
µg /10⁶ cells in 100 µl). Since applications
vary, the appropriate dilutions must be
determined for individual use.

References

[1] Pettigrew, G.J., et al. 1998. J. Immunol.
161:1292.

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