Store at 4°C

APC Anti-Mouse CD3ε Monoclonal Antibody

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精准 高效 稳定 Precision Efficient Stable

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Catalog Number	Vial Size
M10032-11A	25 µg
M10032-11C	100 µg

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

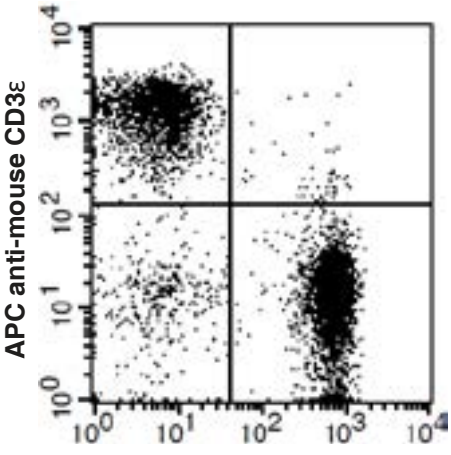
Purified Antibody Characterization

Clone	Isotype	Reactivity
145-2C11	Hamster IgG	Mouse

Description

CD3ε is a 20 kD transmembrane protein, also known as CD3 or T3. It is a member of the Ig superfamily and primarily expressed on T cells, NK-T cells, and at different levels on thymocytes during T cell differentiation. CD3ε forms a TCR complex by associating with the CD3δ, γ and ζ chains, as well as the TCR α/β or γ/δ chains. CD3 plays a critical role in TCR signal transduction, T cell activation, and antigen recognition by binding the peptide/MHC antigen complex.

Illustration of Immunofluorescent Staining



C57BL/6 mouse splenocytes stained with FITC anti-mouse CD45R/B220 and APC anti-mouse CD3ε

Product Information

Conjugation: APC

Formulation: PBS pH 7.2, 0.09% NaN_3, 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 ≤1.0 µg /10^6 cells in 100 µl). Since applications vary, the appropriate dilutions must be determined for individual use.

References

[1] Salvadori, S., et al. 1994. J. Immunol. 153:5176.
[2] Payer, E., et al. 1991. J. Immunol. 146:2536.
[3] Jacobs, H., et al. 1994. Eur. J. Immunol. 24:934.
[4] Vossen, A.C.T.M., et al. 1995. Eur. J. Immunol. 25:1492.
[5] Henrickson, M. et al. 1995. Transplantation 60:828.
[6] Kinnaert, P., et al. 1996. Transpl. Int. 9:386.

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