

anti-mouse CD55(DAF) PE-conjugated**Cat-No.: M22155P** **1 ml****Clone** RIKO-3**Specificity:**

The anti-mouse DAF monoclonal antibody (Clone: RIKO-3) detects DAF; one of several membrane proteins that prevent host cells from homologous complement attack. The two mouse DAF isoforms are effective against rat complement, but not against human and guinea pig complement. GPI-DAF is expressed only in testis. Both types of DAF transfectants avoided C3 deposition more successfully than non-transfectant cells.

Isotype subclass:

Armenian Hamster IgG

Physical state: Liquid**Buffer/Additives/Preservative:**

PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.4).

Expiration date:

The reagent is stable until the expiry date stated on the vial label.

Storage conditions:

Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.

Application: Flow Cytometry**References:**

- 1) Molina, H., Miwa, T., Hilliard, B., Mastellos, D., Maldonado, M.A., Lambris, J.D., Song, W., 2002. Complement-mediated clearance of erythrocytes: mechanism and delineation of the regulatory roles of Crry and DAF. *The American Society of Hematology*
- 2) Ohta, R., Imai, M., Fukuoka, Y., Miwa, T., Okada, N., Okada, H., 1999. Characteration of Mouse DAF on Transfectant Cells Using Monoclonal Antibodies Which Recognize Different Epitopes. Nagoya City University School of Medicine and The Scripps Research Institute.
- 3) Miwa, T., Zhou, L., Hilliard, B., Molina, H., Song, W.C. 2002. Crry, but not CD59 and DAF, is indispensable for murine erythrocyte protection in vivo from spontaneous complement attack. *Blood*. 99(10): 3707-3716

Warning:

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

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