EuroBioSciences

Data Sheet

anti-rat Ig kappa chain FITC-conjugated

Cat-No.: R32147F **1 ml**

Clone: MRC OX-12

Specificity:
This anti-rat Ig κ chain monoclonal antibody recognizes a determinant on rat kappa chains and binds preferentially to the Ig-1b allotype which is present in AGUS, AO, AUG, BN, LEW, LOU, PVG, and WAG rat strains but not ACI, DA, F344, MSU or SHR (1,2). This antibody detects surface immunoglobin of rat peripheral blood B lymphocytes and has been used in indirect binding assays for detecting rat antibodies.
Applications include flow cytometry for directly labeling rat B lymphocytes and as an excellent specific secondary antibody with rat monoclonals.

Isotype subclass: Mouse IgG 2a

Form:
Purified via Protein A chomatography. Conjugated with FITC.

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.Hunt, S.B., M.Fowler (1981) A population assay for B and T lymphocyte stem cells empolying radiation chimaeras, Cell Tissue Kinet, 14, 445-464
2. Gassar, D.D. (1977) Current status of rat immunogenetics, Adv. Immunology 25, 96
3. Barclay, A.N. et al. (1981) Immunology 42, 593-600

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.

This material is offered for **research only**. Not for use in human. For in vitro use only.
EuroBioSciences will not be held responsible for patent infringement or other violations that may occur with the use of our products.

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