

TECHNICAL DATA SHEET

Goat anti-Rabbit IgG(H+L), PE Conjugated

Catalog No.	Size
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SPP102-100U	100 µg
SPP102-500U	500 µg

Storage Condition:	Store at 2-8°C.DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.
Concentration:	1mg/ml
Storage Buffer:	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide
Applications:	FC

Description:

Affinity purified antibody isolated from pooled antiserum from goats hyperimmunized with purified Rabbit IgG was labeled with PE. The second antibody and rabbit IgG heavy and light chain are specific reaction.

Experimental Methods:

1. Take 100µl peripheral blood anticoagulated by EDTA and add to the bottom of 5ml tube;
2. Add 0.5µg/Test antibody to the bottom of flow tube mixing with the whole blood, incubate for 30 minutes at room temperature;
3. Add 2 ml 1×RBC lysis buffer, incubate for 10 minutes after mixing, dissolve red blood cells (recommended: RBC lysing Solution 10×,Cat.: FXP001);
4. Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the supernatant;
5. Add 2 ml PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation for 5 minutes, discard the supernatant;
6. Add 0.5µg PE-labeled Goat anti Rabbit IgG and incubate for 20 minutes away from light at room temperature.
7. Repeat step 5.
8. Add 0.5 ml PBS wash buffer to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4 °C then measured).

[PBS wash buffer: PBS +1% FBS +0.1% NaN₃; Cat.: FXP005]

[Cell fixation: 2% formaldehyde solution]

Warning:

1. Reagents contain NaN₃. NaN₃ is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately.
2. This product is for research only, not for clinical diagnosis.

References:

1. Ledbetter, J et al. (1981) J Exp Med 153:310-323.
2. Haynes, B et al. (1986) Leukocyte Typing II: Human T lymphocytes. New York: Springer-Verlag:3-30.
3. Clevers H et al. (1988). Ann Rev Immunol 6: 629-662.
4. Barclay, N et al. (1993). The Leucocyte Factsbook. Academic Press. San Diego.

Related Products:

Catalog No.	Product Name	Applications
SPU102	Goat anti-Rabbit IgG(H+L), purity	FC
SPF102	Goat anti- Rabbit IgG(H+L), FITC conjugated	FC