



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

E16SPP101U

**Catalog Number:** E16SPP101-020 , E16SPP101-050 ,E16SPP101-100U ,E16SPP101-500U

**Amount:** 20 Tests ,50 Tests , 100ug , 500ug

**Form of Antibody:** Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide

**Storage/Stability:** Store at 4°C.DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

**Description:** Affinity purified antibody isolated from pooled antiserum from goats hyperimmunized with purified mouse IgG was labeled with PE. The secondary antibody specific for mouse IgG reaction, adsorption of human immunoglobulin and human immunoglobulin to minimize the cross reaction.

**Applications:** FCM IF

**Experimental** 1.Take 100  $\mu$ l peripheral blood anticoagulated by EDTA and add to the bottom of 5ml tube;

**Methods:** 2.Add appropriate amount of antibody to the bottom of flow tube mixing with the whole blood, incubate for 30 minutes at room temperature;

3.Add 2 ml  $1\times$ RBC lysing buffer, incubate for 10 minutes after mixing, dissolve red blood cells (recommended: RBC lysing Solution  $10\times$ ,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 appropriate amount of fluorescent-labeled Goat anti Mouse 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% NaN<sub>3</sub>; Cat.: FXP005]

[Cell fixation: 2% formaldehyde solution]

**Notices:** 1.Reagents contain NaN<sub>3</sub>. NaN<sub>3</sub> 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:** E16SPU101 Goat anti-Mouse IgG(H+L), purity 100/500/1000g

E16SPF101 Goat anti-Mouse IgG(H+L), FITC conjugated 50/100 Tests

**For Research Use Only**