

## CD55 Antibody, mAb, Mouse

| Cat. No.             | Name   | Clone |
|----------------------|--|-------|
| V04601               | CD55 Antibody (SD21), mAb, Mouse   | SD21  |
| Specificity:         | Human CD55   |       |
| Isotype:             | IgG2a  |       |
| Production:          | Cultured <i>in vitro</i> under conditions free from animal-derived components  |       |
| Purification:        | Protein A/G affinity column  |       |
| Formulation:         | PBS, pH 7.4, containing 0.03% Proclin 300.   |       |
| Storage:             | For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.  |       |
| Application:         | Flow Cytometry   |       |
| Antigen description: | CD55, also known as decay-accelerating factor (DAF), is a single chain transmembrane glycoprotein. It is expressed on the surface of hematopoietic cells, including erythrocytes and many non-hematopoietic cells. CD55 participates in protecting tissue from the cytotoxic complement injury and has anti-inflammatory properties. |       |
| Note:                | GenScript can customize this product per customer's request including product size, buffer components, etc.  |       |

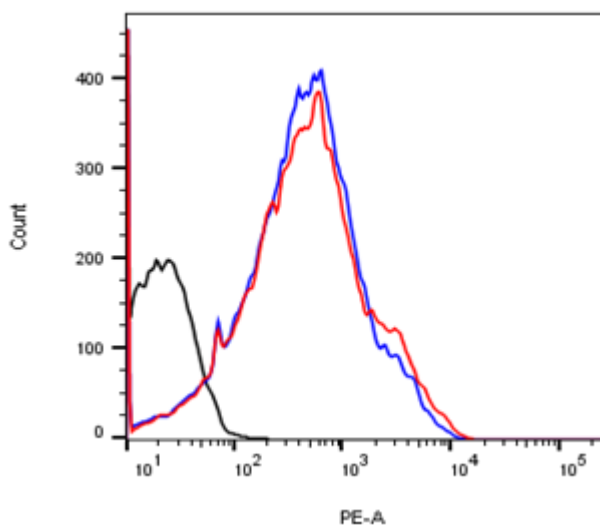
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Example:

Flow cytometric analysis of CD55 expression on  
human peripheral blood lymphocytes



Flow cytometric analysis of human whole blood after red blood cell lysis using CD55 Antibody (SD21), mAb, Mouse (GenScript, V04601; red curve) or with a negative control (black curve), or with a positive antibody (blue curve) followed by R-PE conjugated anti-mouse IgG.

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