# **Elabscience**®

# PE/Cyanine5 Anti-Human CD27 Antibody[O323]

Catalog No.E-AB-F1140GStorageStore at 2~8°C, Avoid freeze / thaw cycles

ReactivityHumanApplicationsFCM

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

# **Antigen Information**

| Alternate Names | CD27L receptor,T-cell activation antigen CD27,T14,S152,TNFRSF7   |
|-----------------|--|
| Uniprot ID      | P26842   |
| Background      | CD27 is a 50-55 kD type I membrane protein also known as S152 and T14. It is a lymphocyte-<br>specific member of the TNF-receptor superfamily. CD27 is expressed on medullary thymocytes,<br>virtually all mature T cells, some B cells, and NK cells. CD27 binds to CD70 and plays an<br>important role in costimulation of T cell activation, and regulation of B cell differentiation and<br>proliferation. The cytoplasmic domains of CD27 have also been shown to interact with TRAF2<br>and TRAF5 to elicit NF-κB and SAPK/JNK activation. |

#### **Product Details**

| Form                | Liquid  |
|---------------------|---|
| Size                | 20Tests/100Tests/100Tests×2   |
| Clone No.           | O323  |
| Host                | Mouse   |
| Isotype             | Mouse IgG1, κ   |
| Reactivity          | Human   |
| Application         | FCM   |
| Isotype Control     | [Product E-AB-F09792G]  |
| Storage Buffer      | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |
| Shipping            | Biological ice pack at 4 °C   |
| Stability & Storage | Keep as concentrated solution.  |
|                     | Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.                |
|                     | This product is guaranteed up to one year from purchase.                                    |

**For Research Use Only** 

# **Elabscience**®

# Fluorophore

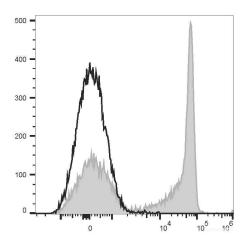
#### Conjugation: PE/Cyanine5

PE/Cyanine5 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 670 nm (e.g., a 690/50 nm bandpass filter).

### **Recommended usage**

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

# **Product data**



Human peripheral blood lymphocytes are stained with PE/Cyanine5 Anti-Human CD27 Antibody[O323] (filled gray histogram) or PE/Cyanine5 Mouse IgG1, κ Isotype Control (empty black histogram).

# **Related Information**

- 1. Sample Preparation for Flow Cytometry <u>https://www.elabscience.com/List-detail-5594.html</u>
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? <u>https://www.elabscience.com/List-detail-459742.html</u>