

## PE Anti-Human CD95/Fas Antibody[HFE7A/APO]

Catalog Number: E-AB-F1379D

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

### Description

|                         |   |
|-------------------------|---|
| Reactivity              | Human   |
| Host                    | Mouse   |
| Isotype                 | Mouse IgG2a, $\kappa$   |
| Clone No.               | HFE7A/APO   |
| Isotype Control         | PE Mouse IgG2a, $\kappa$ Isotype Control[C1.18.4] [Product E-AB-F09802D]  |
| Conjugation             | PE  |
| Conjugation Information | PE 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 575 nm (e.g., a 585/42 nm bandpass filter). |
| Storage Buffer          | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.   |

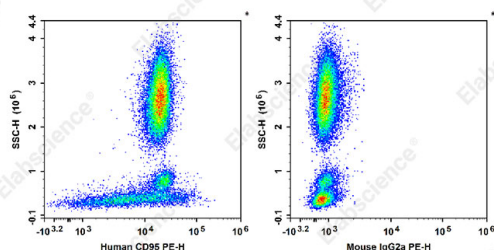
### Applications

### Recommended usage

#### FCM

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.

### Data



Staining of normal human peripheral blood cells with PE Anti-Human CD95/Fas Antibody[HFE7A/APO] (filled gray histogram) or PE Mouse IgG2a,  $\kappa$  Isotype Control (empty black histogram). Cells in the leucocytes gate were used for analysis.

### Preparation & Storage

#### Storage

Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

#### Shipping

Ice bag

### Antigen Information

#### Alternate Names

APT1;Apo-1 antigen;FAS1;FASLG receptor;TNFRSF6;Fas

### For Research Use Only

**Uniprot ID**

P25445

**Gene ID**

355

**Background**

CD95 is a 45 kD single chain type I glycoprotein also known as Fas, APO-1, and TNFRSF6. It is a member of the TNF receptor superfamily. CD95 is expressed on T and B lymphocytes, monocytes, neutrophils, and fibroblasts. CD95 expression is upregulated by activation. The extracellular region of CD95 binds to CD178 (Fas ligand). CD178 binding to CD95 induces apoptosis and has been shown to play a role in the maintenance of peripheral tolerance.

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