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# PE Anti-Human CD95/Fas Antibody[DX2]

Catalog Number: E-AB-F1168D

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

#### Description

Reactivity Human Host Mouse

**Isotype** Mouse IgG1, κ

Clone No. DX2

Isotype Control PE Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792D]

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.

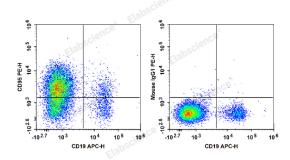
## Applications Recommended usage

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**



Human peripheral blood lymphocytes are stained with APC Anti-Human CD19 Antibody and PE Anti-Human CD95 Antibody (Left). Lymphocytes are stained with APC Anti-Human CD19 Antibody and PE Mouse IgG1, κ Isotype Control (Right).

## **Preparation & Storage**

**Storage** Keep as concentrated solution.

This product can be stored at 2-8  $^{\circ}\text{C}$  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

Uniprot ID P25445

# For Research Use Only

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#### **Elabscience Bionovation Inc.**



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Gene ID **Background**  355

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 ligan d). CD178 binding to CD95 induces apoptosis and has been shown to play a role in the maintenance of peripheral tolerance.

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