

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 700 Anti-Human CD95/Fas Antibody[DX2]

Catalog Number: E-AB-F1168M1

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 Elab Fluor® 700 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M1]

Conjugation Elab Fluor® 700

**Conjugation Information** Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).

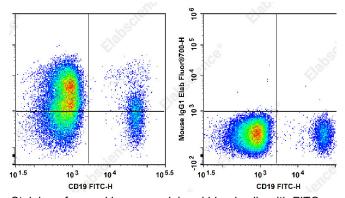
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### 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



Staining of normal human peripheral blood cells with FITC

Anti-Human CD19 Antibody[CB19] and Elab Fluor<sup>®</sup> 700 Anti-Human CD95/Fas Antibody[DX2](left) or Elab Fluor<sup>®</sup> 700 Mouse lgG1,  $\kappa$  Isotype Control(right). Cells in the lymphocytes gate were used for analysis.

### **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 lce bag

### **Antigen Information**

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

 Uniprot ID
 P25445

 Gene ID
 355

## For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

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



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

Fax: 1-832-243-6017 Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Web:<u>w w w .elabscience.com</u>