

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 488 Anti-Human CD95/Fas Antibody[HFE7A/APO]

Catalog Number: E-AB-F1379L

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

#### **Description**

Reactivity Human Host Mouse

**Isotype** Mouse IgG2a, κ **Clone No.** HFE7A/APO

Isotype Control Elab Fluor® 488 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802L]

Conjugation Elab Fluor® 488

**Conjugation Information** Elab Fluor<sup>®</sup> 488 is designed to be excited by the Blue laser (488 nm) and detected using

an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).

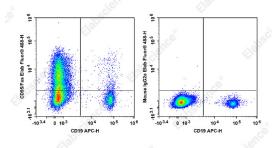
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### 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 APC

Anti-Human CD19 Antibody and Elab Fluor<sup>®</sup> 488 Anti-Human CD95/Fas Antibody[HFE7A/APO] (left) or Elab Fluor

 $^{\circledR}$  488 Mouse IgG2a,  $\kappa$  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°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

 Gene ID
 355

## For Research Use Only

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

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#### **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.

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