# Elab Fluor® 488 Anti-Human CD95/Fas Antibody[DX2]

**Catalog Number:** E-AB-F1168L

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

## Description

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| **Reactivity** | Human |
| **Host** | Mouse |
| **Isotype** | Mouse IgG1, κ |
| **Clone No.** | DX2 |
| **Isotype Control** | Elab Fluor® 488 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792L] |
| **Conjugation** | Elab Fluor®488 |
| **Conjugation Information** | Elab Fluor® 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 and 1% protein protectant. |

## Applications — Recommended usage

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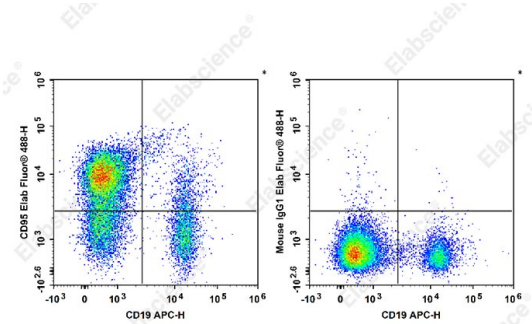
| **FCM** | Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications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

## Data




Human peripheral blood lymphocytes are stained with Elab Fluor® 488 Anti-Human CD95 Antibody[DX2] (filled gray histogram) or Elab Fluor® 488 Mouse IgG1, κ Isotype Control (empty black histogram).

## Preparation & Storage

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| **Storage** | Keep as concentrated solution.<br>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

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| **Alternate Names** | APT1;Apo-1 antigen;FAS1;FASLG receptor;TNFRSF6;Fas |
| **Uniprot ID** | P25445 |
| **Gene ID** | 355 |



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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 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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