

Elab Fluor® Violet 450 Anti-Human CD354 Antibody[TREM-26]

Catalog Number: AN00617Q

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

Description

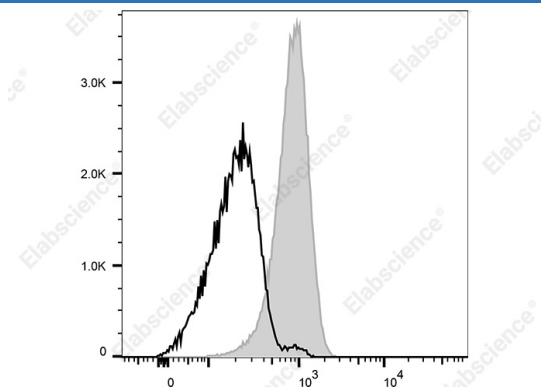
| | |
|--------------------------------|--|
| Reactivity | Human |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Clone No. | TREM-26 |
| Isotype Control | Elab Fluor® Violet 450 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792Q] |
| Conjugation | Elab Fluor® Violet 450 |
| Conjugation Information | Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 450 nm (e.g., a 450/45 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 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



Staining of normal human peripheral blood cells with Elab

Fluor® Violet 450 Anti-human CD354 Antibody[TREM-26]

(filled gray histogram) or Elab Fluor® Violet 450 Mouse IgG1, κ Isotype Control (empty black histogram). Cells in the granulocytes 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 | Triggering receptor expressed on myeloid cells 1;TREM-1;Triggering receptor expressed on monocytes 1;CD354;AN00617 |
|------------------------|--|

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.2

Uniprot ID

Q9NP99

Gene ID

54210

Background

TREM-1 is a 30 kD glycoprotein also known as triggering receptor expressed on myeloid cells 1, and triggering receptor expressed on monocytes 1. It is a Type I membrane protein that contains an immunoglobulin-like V-type domain. Alternatively spliced protein variant may be secreted. TREM-1 is highly expressed on peripheral blood myeloid cells (particularly mature monocytes and granulocytes); TREM-1 expression can be further upregulated by bacteria, fungi and lipopolysaccharide. TREM-1 has been shown to interact with the adaptor protein DAP12 to stimulate neutrophil and monocyte-mediated inflammatory responses through the triggering and release of pro-inflammatory cytokines and chemokines. TREM-1 is thought to amplify inflammatory responses to fungal and bacterial infections and potentiate septic shock. This antibody has been shown to be useful for flow cytometry and activation of monocytes and granulocytes.