

## Elab Fluor® 488 Anti-Human CD105 Antibody[SN6]

Catalog Number: GFH1310L

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

### Description

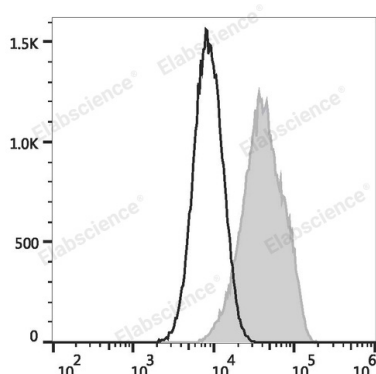
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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                               |
| Host                    | Mouse                                                                                                                                                               |
| Isotype                 | Mouse IgG1, κ                                                                                                                                                       |
| Clone No.               | SN6                                                                                                                                                                 |
| 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% sodium azide.                                                                                                 |

### Applications

### Recommended usage

|     |                                                                                                                                                                                                                                                                                                                                                                                     |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FCM | Each lot of this antibody is quality control tested by flow cytometric analysis. <b>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).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Data



THP-1 cells are stained with Elab Fluor® 488 Anti-Human CD105 Antibody (filled gray histogram) or Elab Fluor® 488 Mouse IgG1, κ Isotype Control (empty black histogram).

### Preparation & Storage

|          |                                                                                                                                                           |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

|                 |          |
|-----------------|----------|
| Alternate Names | Endoglin |
| Uniprot ID      | P17813   |
| Gene ID         | 1088     |

### For Research Use Only

## Background

CD105 is a 95-100 kD glycosylphosphatidylinositol (GPI)-linked protein also known as CD67, CGM6, and NCA-95. CD105 is a member of the immunoglobulin superfamily, carcinoembryonic antigen (CEA)-like subfamily. CD66b, expressed on granulocytes, has been reported to induce activation in neutrophils and to be involved in heterophilic adhesion with CD66c.