

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

Catalog Number: E-AB-F1310L

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

### Description

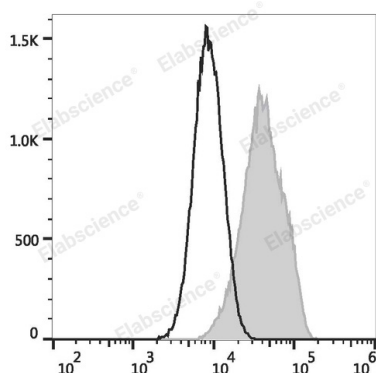
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, κ
<b>Clone No.</b>	SN6
<b>Isotype Control</b>	Elab Fluor® 488 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792L]
<b>Conjugation</b>	Elab Fluor® 488
<b>Conjugation Information</b>	Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Applications

### Recommended usage

<b>FCM</b>	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.
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### 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

<b>Storage</b>	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.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	Endoglin
<b>Uniprot ID</b>	P17813
<b>Gene ID</b>	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.

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