

## Elab Fluor® 700 Anti-Human CD48 Antibody[156-4H9]

**Catalog Number:** E-AB-F1061M1

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

### Description

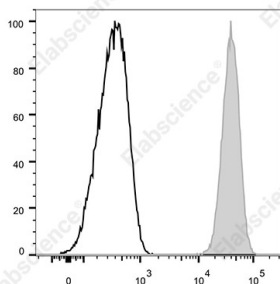
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, κ
<b>Clone No.</b>	156-4H9
<b>Isotype Control</b>	Elab Fluor® 700 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M1]
<b>Conjugation</b>	Elab Fluor® 700
<b>Conjugation Information</b>	Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 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



Staining of normal human peripheral blood cells with Elab Fluor® 700 Anti-Human CD48 Antibody[156-4H9](filled gray histogram) or Elab Fluor® 700 Mouse IgG1, κ Isotype Control(empty black histogram). Cells in the lymphocytes gate were used for analysis.

### 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>	BCM1 surface antigen;BLAST-1;CD48;CD48 antigen;Cd48;HM48-1;MRC OX-45 surface antigen;SLAMF2;sgp-60
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### For Research Use Only

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Rev. V1.6

**Uniprot ID**

P09326

**Gene ID**

962

**Background**

CD48 is a 40-47 kD GPI-anchored membrane protein, also known as Blast-1 and HuL y-m3. It is a member of the CD2 family that contains 2 IgSF domains and is widely expressed on both resting and activated hematopoietic cells with the exception of granulocytes, platelets, and erythrocytes. CD48 binds to CD2 at a considerably (>100-fold) lower affinity than CD58. It is thought to contribute to T cell activation. The cytoplasmic tail of CD48 has been shown to bind to the kinases Lck and Fyn.