

## Product datasheet

### PE Anti-CD48 antibody [MEM-102] ab30478

[1 Image](#)

#### Overview

---

<b>Product name</b>	PE Anti-CD48 antibody [MEM-102]
<b>Description</b>	PE Mouse monoclonal [MEM-102] to CD48
<b>Host species</b>	Mouse
<b>Conjugation</b>	PE. Ex: 488nm, Em: 575nm
<b>Specificity</b>	Ab30478 is useful in the detection of CD48 positive cells and may be used in studies to differentiate haemopoietic tumours, sarcomas and melanomas.
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human, Monkey
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.
<b>Positive control</b>	Human peripheral blood lymphocytes.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

---

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA
<b>Purity</b>	Protein A purified
<b>Purification notes</b>	Purified from tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	MEM-102
<b>Isotype</b>	IgG1

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab30478 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		

**Application notes** Flow Cyt: Use 10 $\mu$ l for 10<sup>6</sup> cells in 100 $\mu$ l.  
Not yet tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

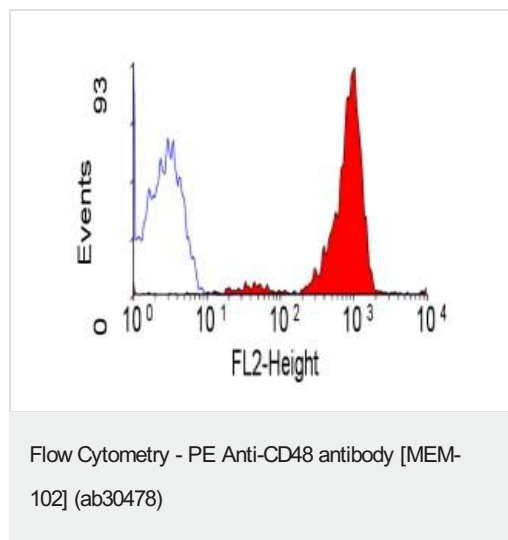
## Target

**Function** Ligand for CD2. Might facilitate interaction between activated lymphocytes. Probably involved in regulating T-cell activation.

**Sequence similarities** Contains 1 Ig-like C2-type (immunoglobulin-like) domain.  
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

**Cellular localization** Cell membrane.

## Images



Ab30478, at a concentration of 10 $\mu$ l for labeling 10<sup>6</sup> cells in 100 $\mu$ l, staining CD48 in human peripheral blood lymphocytes by Flow Cytometry.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors