

### 30-2174: Anti-CD48 / BLAST-1 Monoclonal Antibody (Clone:MEM-102)-PE Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-102
<b>Application :</b>	FACS, IP, WB, IHC
<b>Reactivity :</b>	Human, Non-Human Primates
<b>Conjugate :</b>	PE
<b>Gene :</b>	CD48
<b>Gene ID :</b>	962
<b>Uniprot ID :</b>	P09326
<b>Alternative Name :</b>	CD48,BCM1,BLAST1
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Raji human Burkitt's lymphoma cell line

#### Description

CD48 (Blast-1) belongs to the CD2 subset of the Ig superfamily, which includes CD2, CD2F-10, CD58, CD84, CD150, CD229, CD244 and others. These molecules bind to the same or another members of their family, thus mediate homotypic or heterotypic adhesion. CD48 is a GPI-anchored protein broadly expressed on hematopoietic cells and serves as a high affinity ligand for 2B4 and low affinity ligand for CD2. 2B4-CD48 interaction among NK cells and NK-T cells regulates cell proliferation. Signaling through CD48 results in eosinophil activation and CD48 expression is increased in several infectious diseases.

#### Product Info

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

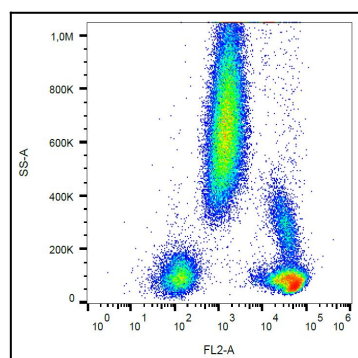


Figure 1: Surface staining of human peripheral blood with anti-CD48 (MEM-102) PE.