

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

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

Clonality: Monoclonal **Clone Name:** MEM-102 Application: FACS Reactivity: Human Conjugate: PΕ Gene: **CD48** Gene ID: 962 **Uniprot ID:** P09326

Alternative Name: CD48,BCM1,BLAST1

Isotype: Mouse IgG1

Immunogen Information: 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

Amount: 100 tests

Storage condition: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

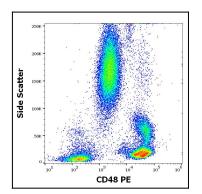


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD48 (MEM-102) PE antibody (20 μ l reagent / 100 μ l of peripheral whole blood).



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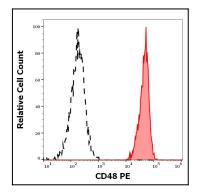


Figure 2: Separation of human monocytes (red-filled) from CD48 negative blood debris (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD48 (MEM-102) PE antibody (20 μ l reagent / 100 μ l of peripheral whole blood).