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## 30-1849: Anti-CD48 / BLAST-1 Monoclonal Antibody (Clone: MEM-102)-Biotin Conjugated

Clone Name : Monoclonal MEM-102

**Application :** FACS, IP, WB, IHC

**Reactivity:** Human, Non-Human Primates

Conjugate: Biotin
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: 0.1 mg

**Storage condition :** Store at 2-8°C. Do not freeze.

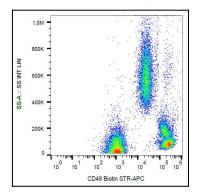


Figure 1: Surface staining of human peripheral blood with anti-CD48 (MEM-102) biotin / streptavidin-APC.