

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

Email: info@abeomics.com

30-2169: Anti-CD43 / Leukosialin Monoclonal Antibody (Clone: MEM-59)-PE Conjugated

Clone Name : Monoclonal MEM-59

Application : FACS, IP, WB, IHC, Functional Assay

Reactivity: Human

Conjugate: PE

Gene: SPN

Gene ID: 6693

Uniprot ID: P16150

Alternative Name: SPN,CD43

Isotype: Mouse IgG1

Immunogen Information: Human T lymphocytes.

Description

CD43 (leukosialin, sialophorin) is a transmembrane mucin-like protein with high negative charge, expressed on the surface of most hematopoietic cells. CD43 contributes to a repulsive barrier that interferes with cellular adhesion, however, in certain cases also promotes leukocyte aggregation. By interaction with actin-binding proteins ezrin and moesin CD43 plays a regulatory role in remodeling T-cell morphology and regulates cell-cell interactions during lymphocyte traffic. CD43 signaling both enhances LFA-1 adhesiveness and counteracts LFA-1 induction via other receptors. Expression of CD43 causes induction of functionally active tumour suppressor p53 protein, but in case of p53 and ARF defficiency CD43 promotes tumour proliferation and viability. It appears to be an important modulator of leukocyte functions.

Product Info

Amount: 100 tests

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

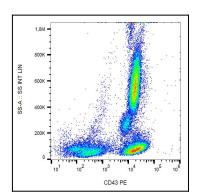


Figure 1: Surface staining of human peripheral blood with anti-CD43 (MEM-59) PE.