

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

Email: info@abeomics.com

30-2075: Anti-CD99 Monoclonal Antibody (Clone:3B2/TA8)-FITC Conjugated

Clonality: Monoclonal **Clone Name:** 3B2/TA8 Application: **FACS** Reactivity: Human Conjugate: FITC Gene: **CD99** Gene ID: 4267 **Uniprot ID:** P14209

Alternative Name: CD99,MIC2,MIC2X,MIC2Y

Isotype: Mouse IgG2a **Immunogen Information:** Human thymocytes

Description

CD99 is a ubiquitous transmembrane type I sialoglycoprotein of a unique and poorly characterized protein family. CD99 is heavily O-glycosylated and was described as a T cell costimulator and strong activator of integrin-mediated actin cytoskeleton assembly, promoting cell adhesion and homotypic aggregation, immediate arrest on an inflamed vascular endothelium, and cell migration through it. Ligation of CD99 under some conditions can lead to apoptosis. Originally CD99 was described as a human thymus leukemia antigen, an Ewing´s sarcoma-specific membrane marker, and an adhesion molecule involved in spontaneous rosette formation of T cells with erythrocytes.

Product Info

Amount: 100 tests

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

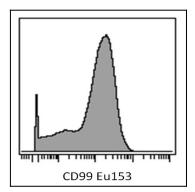


Figure 1: Surface staining (mass cytometry) of human peripheral blood cells (after separation using Ficoll-Paque density gradient centrifugation) with anti-human CD99 (3B2/TA8) Eu153. Gated on singlets.