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30-1465: Anti-CD99 Monoclonal Antibody (Clone:3B2/TA8)

Clonality :	Monoclonal
Clone Name :	3B2/TA8
Application :	FACS
Reactivity :	Human
Gene :	CD99
Gene ID :	4267
Uniprot ID :	P14209
Format :	Purified
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 EwingÂ´s sarcoma-specific membrane marker, and an adhesion molecule involved in spontaneous rosette formation of T cells with erythrocytes.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

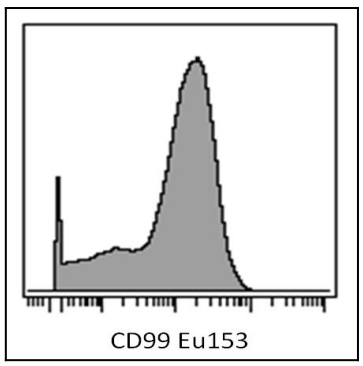

Figure 1: Surface staining (mass cytometry) of human peripheral blood cells (after separation using Ficoll-Paque density gradient centrifugation) with anti-human CD99 (3B2/TA8) Eu153. Gated on singlets.

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