

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	3B2/TA8
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD99
<b>Gene ID :</b>	4267
<b>Uniprot ID :</b>	P14209
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD99,MIC2,MIC2X,MIC2Y
<b>Isotype :</b>	Mouse IgG2a
<b>Immunogen Information :</b>	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

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

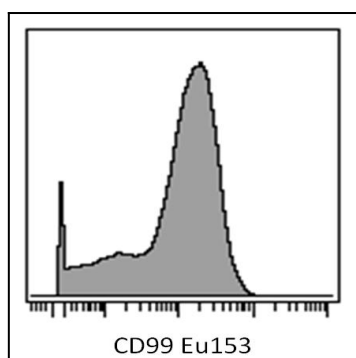


Figure 1: Surface staining (mass cytometry) of human peripheral blood cells (after separation using Ficoll-Paque density gradient centrifugation) with anti-human CD99 (3B2/TA8) Eu153. Gated on singlets.