

T-Cell Surface Glycoprotein E2 (CD99) Antibody (PE)

Catalogue No.: abx200476

Reacts with a 32 kd sialoglycoprotein also referred to as E2 antigen, expressed on all leukocyte lineages. The E2 antigen is the MIC2 gene product and is differentially expressed during T and B lymphoid and granulocytic development, with higher densities being expressed during early development, with higher densities being expressed during early hematopoietic stages. Mature granulocytes express very little or no CD99. E2 has been shown to be involved in T-cell adhesion processes and is suggested to have a functional role in hematopoietic adhesion pathways.

Target: CD99**Reactivity:** Human**Host:** Mouse**Clonality:** Monoclonal**Tested Applications:** FCM**Recommended dilutions:** FCM: 20 µl/1 million cells. Optimal dilutions/concentrations should be determined by the end user.**Immunogen:** Leukemia Cells.**Purification:** Affinity Chromatography**Form:** Liquid**Isotype:** IgG_{2a}**Conjugation:** PE**Specificity:** This antibody recognizes the MIC 2 (E2) antigen expressed on most human cells except those of the myeloid family. The 32kDa molecule on thymocytes and T cells is involved in rosette formation.**Storage:** Store in the dark at 2-8 °C.**Molecular Weight:** 32kDa**Swiss Prot:** [P14209](#)**GeneID:** [4267](#)**Buffer:** The reagent is provided in aqueous buffered solution containing protein stabilizer, and ≤0.09% sodium Azide

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