

Datasheet

CD99 monoclonal antibody, clone HI156 (FITC)

Catalog Number: MAB15381

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native human CD99.

Clone Name: HI156

Immunogen: Leukemia cells.

Host: Mouse

Theoretical MW (kDa): 32

Reactivity: Human

Applications: Flow Cyt

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Conjugation: FITC

Purification: Affinity purification

Isotype: IgG2a

Recommend Usage: Flow Cytometry (20 μ L/ 10^6 cells)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).

Storage Instruction: Store in the dark at 4°C. Avoid prolonged exposure to light.

Entrez GeneID: 4267

Gene Symbol: CD99

Gene Alias: MIC2, MIC2X, MIC2Y

Gene Summary: The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration, T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. Cyclophilin A binds to CD99 and may act as a signaling regulator of CD99. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]