

CD99 monoclonal antibody, clone HI156 (Biotin)

Catalog # MAB15385 Size 100 ug

Specification

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|----------------------|--|
| Product Description | Mouse monoclonal antibody raised against native human CD99. |
| Immunogen | Leukemia cells. |
| Host | Mouse |
| Theoretical MW (kDa) | 32 |
| Reactivity | Human |
| Form | Liquid |
| Conjugation | Biotin |
| 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. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Flow Cytometry

Gene Info — CD99

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|--------------------|---|
| Entrez GeneID | 4267 |
| Protein Accession# | P14209 |
| Gene Name | CD99 |
| Gene Alias | MIC2, MIC2X, MIC2Y |
| Gene Description | CD99 molecule |
| Omim ID | 313470 450000 |
| Gene Ontology | Hyperlink |
| 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] |
| Other Designations | CD99 antigen E2 antigen MIC2 (monoclonal antibody 12E7) OTTHUMP00000022840 T-cell surface glycoprotein E2 antigen identified by monoclonal 12E7, Y homolog antigen identified by monoclonal antibodies 12E7, F21 and O13 surface antigen MIC2 |

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)