

CD99 / MIC2 (Ewing's Sarcoma Marker) Antibody - With BSA and Azide
Mouse Monoclonal Antibody [Clone SPM586]
Catalog # AH11818

Specification

CD99 / MIC2 (Ewing's Sarcoma Marker) Antibody - With BSA and Azide - Product Information

Application	IHC, IF, FC
Primary Accession	P14209
Other Accession	4267 , 653349
Reactivity	Human, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgM, kappa
Calculated MW	27-32kDa KDa

CD99 / MIC2 (Ewing's Sarcoma Marker) Antibody - With BSA and Azide - Additional Information

Gene ID 4267

Other Names

CD99 antigen, 12E7, E2 antigen, Protein MIC2, T-cell surface glycoprotein E2, CD99, CD99, MIC2, MIC2X, MIC2Y

Application Note

IHC~~1:100~500
IF~~1:50~200
FC~~1:10~50

Storage

Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions

CD99 / MIC2 (Ewing's Sarcoma Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

CD99 / MIC2 (Ewing's Sarcoma Marker) Antibody - With BSA and Azide - Protein Information

Name CD99

Synonyms MIC2, MIC2X, MIC2Y

Function

Involved in T-cell adhesion processes and in spontaneous rosette formation with erythrocytes. Plays a role in a late step of leukocyte extravasation helping leukocytes to overcome the endothelial basement membrane. Acts at the same site as, but independently of, PECAM1. Involved in T-cell adhesion processes (By similarity).

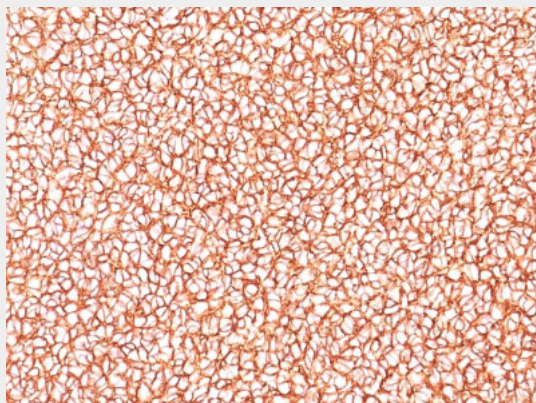
Cellular Location

Membrane; Single-pass type I membrane protein

CD99 / MIC2 (Ewing's Sarcoma Marker) Antibody - With BSA and Azide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD99 / MIC2 (Ewing's Sarcoma Marker) Antibody - With BSA and Azide - Images

Formalin-fixed, paraffin-embedded human Ewing's sarcoma stained with CD99 Monoclonal Antibody (SPM586).

CD99 / MIC2 (Ewing's Sarcoma Marker) Antibody - With BSA and Azide - Background

Recognizes a sialoglycoprotein of 27-32kDa, identified as CD99, or MIC2 gene product, or E2 antigen. This antigen is expressed on the cell membrane of some lymphocytes, cortical thymocytes, and granulosa cells of the ovary. Most pancreatic islet cells, Sertoli cells of the testis, and some endothelial cells express this antigen. Mature granulocytes express very little or no CD99. MIC2 is strongly expressed on Ewing's sarcoma cells and primitive peripheral neuroectodermal tumors. This MAb shows a very similar reactivity to other CD99 MAb (e.g. O13, 12E7, or HBA-71) and is excellent for immunohistochemical staining of formalin-fixed, paraffin-embedded tissues.

CD99 / MIC2 (Ewing's Sarcoma Marker) Antibody - With BSA and Azide - References

Sandrin MS, et. al. Immunogenetics, 1992, 35(4):283-5