

CD99 / MIC2 (Ewing's Sarcoma Marker) Antibody

Mouse Monoclonal Antibody [Clone SPM586]

Catalog No	Format	Size
4267-MSM1X-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4267-MSM1X-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4267-MSM1X-P1BX	Purified Ab WITHOUT BSA at 1.0mg/ml	100 ug

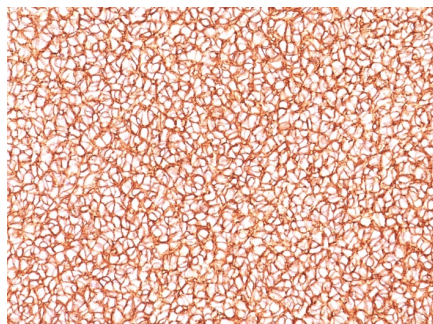
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	SPM586
Gene Name	CD99
Immunogen	Purified E-rosette forming cells from human peripheral blood lymphocytes
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgM / Kappa
Mol. Weight of Antigen	27-32kDa
Cellular Localization	Membrane
Species Reactivity	Human, Rat
Positive Control	Pancreas or Ewing's sarcoma.

**Optimal dilution for a specific application should be determined.*

Product Images for CD99 / MIC2 (Ewing's Sarcoma Marker) Antibody



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

Specificity & Comments

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 MAbs (e.g. O13, 12E7, or HBA-71) and is excellent for immunohistochemical staining of formalin-fixed, paraffin-embedded tissues.

Supplied As

200ug/ml of Ab purified by Protein L. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Immunology

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
