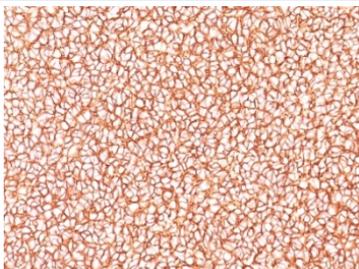


CD99 Antibody [clone SPM586] (V2707)

| Catalog No. | Formulation | Size |
|----------------|---|--------|
| V2707-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V2707-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V2707SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |
| V2707IHC-7ML | Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only* | 7 ml |

[Bulk quote request](#)

| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Mouse |
| Clonality | Monoclonal (mouse origin) |
| Isotype | Mouse IgM, kappa |
| Clone Name | SPM586 |
| Purity | PEG precipitation |
| UniProt | P14209 |
| Localization | Cell surface |
| Applications | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT |
| Limitations | This CD99 antibody is available for research use only. |



IHC: Formalin-fixed, paraffin-embedded human Ewing's sarcoma stained with CD99 antibody (SPM586).

Description

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.

Application Notes

Optimal dilution of the CD99 antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Purified E-rosette forming cells from human peripheral blood lymphocytes were used as the immunogen for the CD99 antibody.

Storage

Store the CD99 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).