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## CD99 (Clone EPR3097Y)

### Rabbit Monoclonal Antibody

**Specificity:** Human and Rat. Others-not known

**Immunogen:** A synthetic peptide corresponding to residues on the C-terminus of human CD99

**Ig Class:** Rabbit IgG

**Storage:** Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:50-250. *Positive Control:* Ewing's sarcoma. *Cellular Localization:* Cell membrane. *Intended Use:* In vitro diagnosis (IVD).

**Description:** CD99, or MIC2 gene product, or E2 antigen is expressed on the cell membrane of some lymphocytes, cortical thymocytes, and granulosa cells of the ovary. The antigen is also expressed by most pancreatic islet cells, Sertoli cells of the testis, and some endothelial cells. Mature granulocytes express very little or no CD99. MIC2 is strongly expressed on Ewing's sarcoma cells and primitive peripheral neuroectodermal tumors. Clone HO36-1.1 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:** Purified antibody with 0.2% BSA and 15mM sodium azide.



*Formalin-fixed, paraffin-embedded human Ewing's sarcoma stained with anti-CD99 antibody using peroxidase-conjugate and DAB chromogen. Note the cell membrane staining of tumor cells*

**Cat. #Z2250 (1.0 ml)**

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