

**Anti-CD99 Antibody**  
**Catalog # AP54136****Specification**

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**Anti-CD99 Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">P14209</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	18848

**Anti-CD99 Antibody - Additional Information****Gene ID** 4267**Other Names**

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

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within human CD99. The exact sequence is proprietary.

**Dilution**

IHC~~1:100~500

**Format**

Mouse IgG. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**Anti-CD99 Antibody - 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**

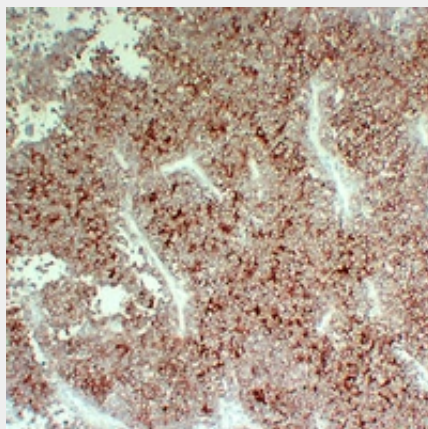
Membrane; Single-pass type I membrane protein

## Anti-CD99 Antibody - 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](#)

## Anti-CD99 Antibody - Images



Immunohistochemical analysis of CD99 staining in human ewing's sarcoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

## Anti-CD99 Antibody - Background

Mouse monoclonal antibody to CD99