

# CD99 Polyclonal Antibody

Catalog Number:E-AB-52527



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

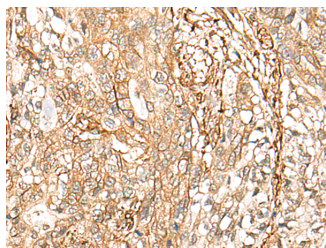
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Fusion protein of human CD99
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4

## Applications Recommended Dilution

<b>IHC</b>	1:40-1:200
<b>ELISA</b>	1:5000-1:10000

## Data



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using CD99 Polyclonal Antibody at dilution of 1:40(×200)

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

CD99,also known as MIC2,is a heavily O-glycosylated transmembrane protein involved in T-cell adhesion processes and in spontaneous rosette formation with erythrocytes. CD99 is broadly distributed on many cell types,with particularly strong expression on human cortical thymocytes,Ewing's sarcoma cells and peripheral primitive neuroectodermal tumors . In normal cells,CD99 has been functionally implicated in cell adhesion,migration,apoptosis,differentiation,activation,and proliferation of lymphocytes and monocyte extravasation and transport of several transmembrane proteins . CD99 displays two surface isoforms generated by alternative splicing: a long 32 kDa and a short 28 kDa form .

## For Research Use Only

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