CD99 Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150131

Company： HaoKebio

Uniprot ID:: P14209

Organism: Rabbit

Species reactivity: Human

Predicted Molecular Weight:19 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

Background:

CD99 is a highly O-glycosylated transmembrane glycoprotein encoded by the CD99 gene. It is expressed in hematopoietic cells, endothelial cells, ependymal cells of the central nervous system, thymocytes, ovarian granulosa cells, Sertoli cells, pancreatic islet cells, and various tumors. CD99 is expressed in nearly all Ewing sarcomas and primitive peripheral neuroectodermal tumors (ES/PNET), manifesting as intense and diffuse membranous staining.

Protein full name:

T-cell surface glycoprotein E

Synonyms:

MIC2, E2 antigen, CD99 molecule, CD99 antigen

Immunogen:

A synthetic peptide corresponding to amino acid residues 85 to the C-terminus of CD99 was used as the immunogen.

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

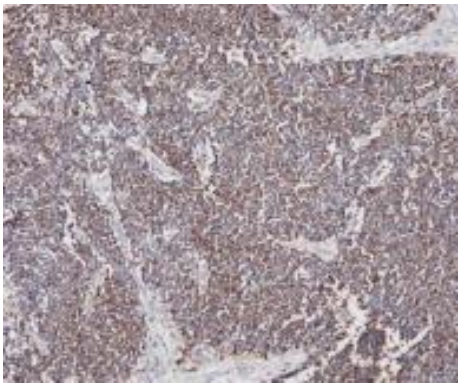
Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 ℃ - 25 ℃) for 30 minutes.

Images:



Immunohistochemical results of CD99 in human Ewing sarcoma tissue (formalin-fixed, paraffin-embedded sections) labeled with HKZ150131. Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

Source of Reagents:

1. Gawon Choi, et al. Journal of Pathology and Translational Medicine 2016; 50: 361-368.

2. Ventura S, et al. Oncogene. 2016 Jul 28;35(30):3944-54.

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发表[中文论文]请标注: CD99 (HKZ150131)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CD99 (HKZ150131) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.