

Mouse anti-Human CD99 Monoclonal Antibody | anti-CD99 antibody

CD99

CATALOG # AAA59200	HOST Mouse	REACTIVITY Human
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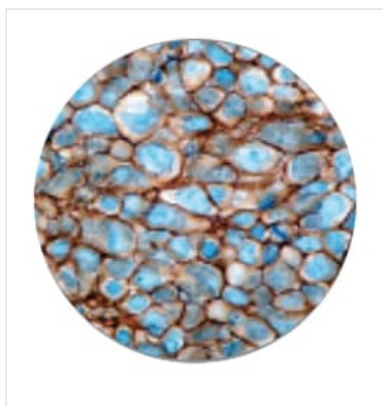
PRODUCT SYNONYMS

CD99; Monoclonal Antibody; anti-CD99 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1/K
Clone Number	CD99/B5
Form/Format	CD99 is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Ependyma, Pancreas, Ewing's Sarcoma, Thymus
Localization	Cytoplasmic, Membranous
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:25-1:100	0.1 ml
Concentrated	1:25-1:100	0.5 ml
Concentrated	1:25-1:1000	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-CD99 antibody	CD99, also known as MIC-2 or single-chain Type-1 glycoprotein, is a human protein encoded by the CD99 gene. The protein has a MW of 32 kD. It is expressed on all leukocytes but highest on thymocytes, and is believed to augment T-cell adhesion and apoptosis of double-positive T-cells. It also participates in migration and activation. The CD99 antigen is found on the cell membrane of Ewing's Sarcoma and Primitive Peripheral Neuroectodermal Tumors (PNET). It is also present on a variety of other cell types including bone marrow, lymph nodes, spleen, cortical thymocytes, granulosa cells of the ovary, beta cells, CNS ependymal cells, Sertoli's cells of the testis and a few endothelial cells. Mature granulocytes, however, tend to express very little or no CD99. MIC-2 has also been identified in Lymphoblastic Lymphoma, Rhabdomyosarcoma, Mesenchymal Chondrosarcoma, and Thymoma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	171543879
NCBI GeneID	4267
NCBI Accession #	NP_001116370.1
NCBI GenBank Nucleotide #	NM_001122898.1
UniProt Accession #	P14209; O00518; Q6ICV7
Molecular Weight	18,848 Da
NCBI Official Full Name	CD99 antigen isoform b
NCBI Official Synonym Full Names	CD99 molecule
NCBI Official Symbol	CD99
NCBI Official Synonym Symbols	MIC2; HBA71; MIC2X; MIC2Y; MSK5X
NCBI Protein Information	CD99 antigen; E2 antigen; OTTHUMP00000022840; OTTHUMP00000022842; OTTHUMP00000022843; OTTHUMP00000022844; surface antigen MIC2; T-cell surface glycoprotein E2; MIC2 (monoclonal antibody 12E7); antigen identified by monoclonal 12E7, Y homolog; antigen identified by monoclonal antibodies 12E7, F21 and O13
UniProt Protein Name	CD99 antigen
UniProt Gene Name	CD99
UniProt Synonym Gene Names	MIC2; MIC2X; MIC2Y
UniProt Entry Name	CD99_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd99-antibody-clone-cd99-b5-elisa/59200>