

For Research Use Only

CD99 Monoclonal antibody, PBS Only



Catalog Number: 60354-1-PBS

Basic Information

Catalog Number: 60354-1-PBS	GenBank Accession Number: BC021620	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4267	CloneNo.: 5B6A4
Source: Mouse	UNIPROT ID: P14209	
Isotype: IgG1	Full Name: CD99 molecule	
Immunogen Catalog Number: AG19474	Calculated MW: 19 kDa, 16 kDa, 17 kDa	
	Observed MW: 32 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

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 (PMID: 9794396; 16984917). 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 (PMID: 16984917). CD99 displays two surface isoforms generated by alternative splicing: a long 32 kDa and a short 28 kDa form (PMID: 12368226).

Storage

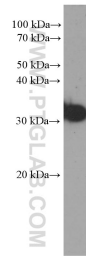
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
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Selected Validation Data



human spleen tissue were subjected to SDS PAGE followed by western blot with 60354-1-Ig (CD99 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60354-1-PBS in a different storage buffer formulation.