

For Research Use Only

CD24 Monoclonal antibody, PBS Only



Catalog Number: 67627-1-PBS

Basic Information

Catalog Number: 67627-1-PBS	GenBank Accession Number: BC007674	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 100133941	CloneNo.: 1H5C4
Source: Mouse	UNIPROT ID: P25063	
Isotype: IgG1	Full Name: CD24 molecule	
Immunogen Catalog Number: AG11679	Calculated MW: 8 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human

Background Information

CD24 (known as heat stable antigen) is a small highly glycosylated GPI-linked sialoprotein. It is normally expressed at the surface of most B lymphocytes and differentiating neuroblasts, and it is also up-regulated in a wide variety of cancers. Studies have shown that CD24 functions in the regulation of B-cell apoptosis, leukocyte signal transduction, and leukocyte adhesion. Since it is highly glycosylated, the apparent molecular weight of CD24 could be variable, ranging from 30 kDa to 70 kDa. (Ref: Akihiko Sano, MD., 2009)

Storage

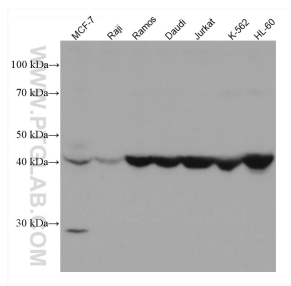
Storage:
Store at -80°C.

Storage Buffer:
PBS only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67627-1-Ig (CD24 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67627-1-PBS in a different storage buffer formulation.