

For Research Use Only

CD24 Polyclonal antibody

Catalog Number: 18330-1-AP **14 Publications**



Basic Information

Catalog Number: 18330-1-AP	GenBank Accession Number: BC007674	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 100133941	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: P25063	
Isotype: IgG	Full Name: CD24 molecule	
Immunogen Catalog Number: AG11679	Calculated MW: 8 kDa	
	Observed MW: 30-70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, Raji cells, mouse spleen tissue
Cited Applications: WB, IF	
Species Specificity: human, mouse	
Cited Species: human, rat, mouse	

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)

Notable Publications

Author	Pubmed ID	Journal	Application
Ke-Long Zou	36056698	Oral Dis	WB
Chang-Fu Yang	24262659	Cancer Lett	WB
Tianyi Cheng	36336028	Exp Cell Res	WB

Storage

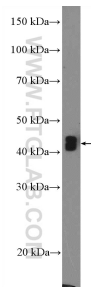
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

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)
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W: ptglab.com

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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 18330-1-AP (CD24 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.