

For Research Use Only

CD24 Polyclonal ANTIBODY



Catalog Number: 18330-1-AP

5 Publications

Basic Information

Catalog Number:
18330-1-AP

Size:
27 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG11679

GenBank Accession Number:
BC007674

GeneID (NCBI):
100133941

Full Name:
CD24 molecule

Calculated MW:
8 kDa

Observed MW:
30-70 kDa

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse

Cited Species:
human

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : MCF-7 cells; Raji cells, mouse spleen tissue

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
Chang-Fu Yang	24262659	Cancer Lett	WB
Hai-Xiang Gao	27666124	Mbl Med Rep	WB
Pengfei Su	29956726	Int J Oncol	

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

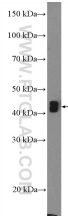
For technical support and original validation data for this product please contact:

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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