

For Research Use Only

# CD24 Polyclonal antibody

Catalog Number: 18330-1-AP

16 Publications



## Basic Information

Catalog Number:

18330-1-AP

Size:

150ul, Concentration: 450 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11679

GenBank Accession Number:

BC007674

GeneID (NCBI):

100133941

UNIPROT ID:

P25063

Full Name:

CD24 molecule

Calculated MW:

8 kDa

Observed MW:

30-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat

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
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

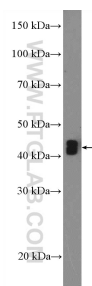
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## Selected Validation Data



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.