

## CD24 Antibody

Catalog No: #37467

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## Description

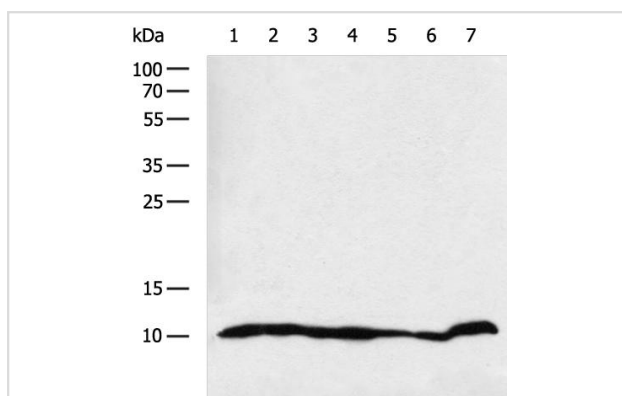
Product Name	CD24 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Human Mouse
Specificity	The antibody detects endogenous levels of total CD24 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human CD24
Target Name	CD24
Other Names	CD24A
Accession No.	Swiss-Prot#: P25063NCBI Gene ID: 100133941Gene Accssion: NP_037362
Uniprot	P25063
GeneID	100133941;
Concentration	0.8 mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

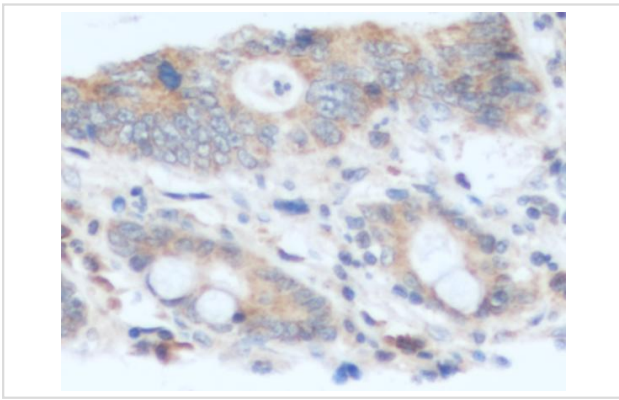
WB 1:1000-1:5000

IHC 1:50-1:200

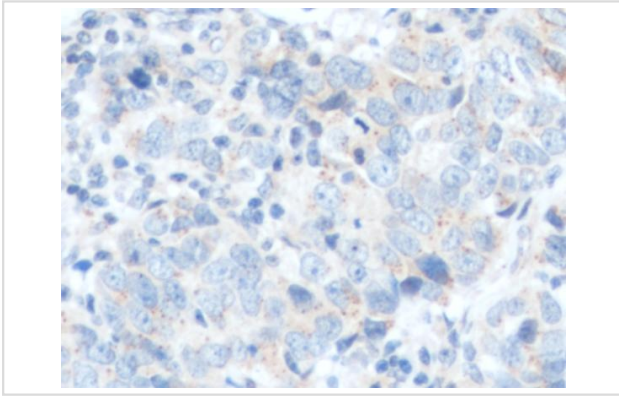
## Images



Gel: 12%SDS-PAGE Lysate: 40 ug  
 Lane 1-7: Raji, LOVO, Jurkat, K562, RAW264.7, SKOV3, HT-29 cell lysates Primary antibody: (CD24 Antibody) at dilution 1/1000 Secondary antibody: (HRP-conjugated Goat anti rabbit IgG) at 1/5000 dilution Exposure time: 1 minute



The image on the left is immunohistochemistry of paraffinembedded Human colorectal cancer tissue using (CD24 Antibody) at dilution 1/50



The image on the left is immunohistochemistry of paraffinembedded Human bladder cancer tissue using (CD24 Antibody) at dilution 1/50

## Background

This gene encodes a sialoglycoprotein that is expressed on mature granulocytes and in many B cells. The encoded protein is anchored via a glycosyl phosphatidylinositol (GPI) link to the cell surface. Modulates B-cell activation responses. Signaling could be triggered by the binding of a lectin-like ligand to the CD24 carbohydrates, and transduced by the release of second messengers derived from the GPI-anchor. Promotes AG-dependent proliferation of B-cells, and prevents their terminal differentiation into antibody-forming cells.

Note: This product is for in vitro research use only