

Product datasheet for AP33460PU-N

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Cd24 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blotting: 1/1000. Immunohistochemistry on Paraffin Sections: 1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	27-53aa/76aa Mouse.
Specificity:	This antibody recognizes CD24.
Formulation:	0.01M PBS, pH 7.4 State: Purified State: Lyophilized purified Ig fraction Stabilizer: 1% BSA Preservative: 15mM Sodium Azide
Reconstitution Method:	Restore in sterile pH 7.4 0.01M PBS or diluent of antibody
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30-40 kDa
Gene Name:	CD24 molecule
Database Link:	Entrez Gene 25145 Rat Q07490

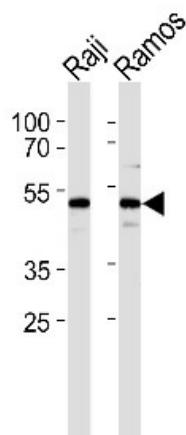


Background:

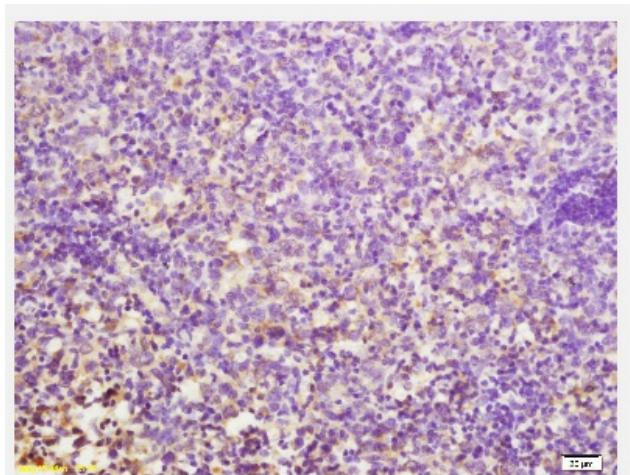
CD24 is a sialoglycoprotein that is expressed on mature granulocytes and in many B cells. This protein is anchored via a glycosyl phosphatidylinositol (GPI) link to the cell surface. Modulates B-cell activation responses. Signaling could be triggered by the binding of a lectin-like ligand to the CD24 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.

Synonyms:

X62 heat stable antigen, HSA

Product images:

Western blot analysis of lysates from Raji, Ramos cell line (from left to right), using CD24 Antibody (Cat.-No AP33460PU-N). Antibody was diluted at 1/1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1/5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



Immunohistochemical analysis of formalin fixed and paraffin embedded mouse lymphoma tissue using CD24 antibody Cat.-No AP33460PU-N. Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20min; Incubation: Anti-CD24 Polyclonal Antibody, Unconjugated (Cat.-No AP33460PU-N) 1/200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.