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CD24 Antibody (N-Term) Blocking Peptide

Synthetic peptide
Catalog # BP8782a

Specification

CD24 Antibody (N-Term) Blocking Peptide - Product Information

Primary Accession	P25063
Other Accession	NP_037362

CD24 Antibody (N-Term) Blocking Peptide - Additional Information

Gene ID 100133941

Other Names
Signal transducer CD24, Small cell lung carcinoma cluster 4 antigen, CD24, CD24, CD24A

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8782a was selected from the N-Term region of human CD24. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CD24 Antibody (N-Term) Blocking Peptide - Protein Information

Name CD24

Synonyms CD24A

Function
May have a pivotal role in cell differentiation of different cell types. 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. Modulates B-cell activation responses. Promotes AG-dependent proliferation of B-cells, and prevents their terminal differentiation into antibody-forming cells (PubMed:11313396). In association with SIGLEC10 may be involved in the selective suppression of the immune response to danger-associated molecular patterns (DAMPs) such as HMGB1, HSP70 and HSP90. Plays a role in the control of autoimmunity (By similarity).

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Cellular Location
Cell membrane; Lipid-anchor, GPI-anchor.

Tissue Location
B-cells. Expressed in a number of B-cell lines including P32/ISH and Namalwa. Expressed in erythroleukemia cell and small cell lung carcinoma cell lines. Also expressed on the surface of T-cells.

CD24 Antibody (N-Term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CD24 Antibody (N-Term) Blocking Peptide - Images

CD24 Antibody (N-Term) Blocking Peptide - 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.

CD24 Antibody (N-Term) Blocking Peptide - References

Kay,R., et.al., J. Immunol. 147 (4), 1412-1416 (1991)