

CD24 Polyclonal Antibody

Catalog # AP74210

Specification

CD24 Polyclonal Antibody - Product Information

Application IHC-P
Primary Accession P25063
Reactivity Human
Host Rabbit
Clonality Polyclonal

CD24 Polyclonal Antibody - Additional Information

Gene ID 100133941

Other Names

Signal transducer CD24 (Small cell lung carcinoma cluster 4 antigen) (CD antigen CD24)

Dilution

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CD24 Polyclonal Antibody - 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).

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



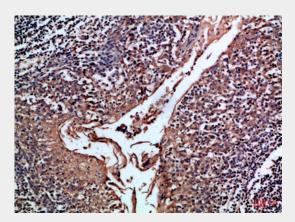
erythroleukemia cell and small cell lung carcinoma cell lines. Also expressed on the surface of T-cells.

CD24 Polyclonal Antibody - Protocols

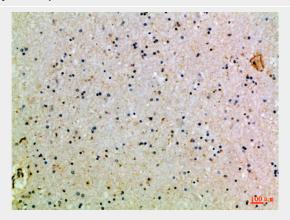
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

CD24 Polyclonal Antibody - Images



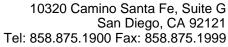
Immunohistochemical analysis of paraffin-embedded Human-tonsil, antibody was diluted at 1:100

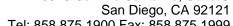


Immunohistochemical analysis of paraffin-embedded Human-brain, antibody was diluted at 1:100

CD24 Polyclonal Antibody - Background

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).