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CD24 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22227c

Product Information

Application	WB, E
Primary Accession	P25063
Other Accession	Q6SW14
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB57059
Calculated MW	8083

Additional Information

Gene ID	100133941
Other Names	Signal transducer CD24, Small cell lung carcinoma cluster 4 antigen, CD24, CD24, CD24A
Target/Specificity	This CD24 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 17-38 amino acids from the Central region of human CD24.
Dilution	WB~~1:1000-1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CD24 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

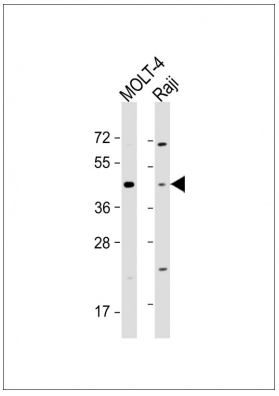
Background

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.

References

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Hough M.R.,et al.Genomics 22:154-161(1994).
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Images



All lanes : Anti-CD24 Antibody (Center) at 1:1000-1:2000 dilution Lane 1: MOLT-4 whole cell lysate Lane 2: Raji whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 8 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Citations

- LncRNA IL21-AS1 facilitates tumour progression by enhancing CD24-induced phagocytosis inhibition and tumorigenesis in ovarian cancer
- CBX7 regulates stem cell-like properties of gastric cancer cells via p16 and AKT-NF-κB-miR-21 pathways.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.