

CD24 (1-80): sc-4368 WB

BACKGROUND

CD24 is a 35-45 kDa GPI-linked membrane sialoglycoprotein that is expressed on pro-B, pre-B, and mature B cells, and its expression is decreased after B cell activation. CD24 is also found on granulocytes and a small fraction of thymocytes and neuroblastomas, but not on plasma cells. CD24 may play a role in the regulation of B cell proliferation and differentiation. CD24 is expressed in hematological malignancies as well as in a large variety of solid tumors. A shift from apical localization to cytoplasmic staining of CD24 is a surrogate marker of stromal invasion in ovarian serous tumors of borderline malignancy. CD24 protein can be a B cell differentiation marker that is expressed on mature resting B cells and disappears upon stimulation.

REFERENCES

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SOURCE

CD24 (1-80) is expressed in *E. coli* as a 36 kDa tagged fusion protein corresponding to amino acids 1-80 of CD24 of human origin.

STORAGE

Store at -20° C; stable for one year from the date of shipment.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PRODUCT

CD24 (1-80) is purified from bacterial lysates (>98%) by column chromatography; supplied as 10 µg protein in 0.1 ml SDS-PAGE loading buffer.

APPLICATIONS

CD24 (1-80) is suitable as a Western blotting control for sc-7034 and sc-11406.