



CD24 Polyclonal Antibody

Catalog: BS65899

Host: Rabbit

Reactivity: Mouse, Rat,

BackGround:

CD24 (also known as heat stable antigen) is a phosphatidylinositol linked cell surface glycoprotein with a polypeptide core of 30 amino acids and high carbohydrate content. The apparent molecular mass of the two forms of CD24 purified from a mouse lymphoma cell line appear to be in the range of 40-60 and 23-30 kDa. CD24 is expressed at all stages of B cell development and on most thymocytes. The absence of expression from mature T cells is closely associated with their maturation from CD4⁺ CD8⁺ CD24⁺ thymocytes to either CD4⁺ CD8⁻ CD24⁻ or CD4⁻ CD8⁺ CD24⁻ T cells. CD24 is also present on mouse granulocytes, monocytes, Langerhans cells and erythrocytes. Its ligand is P selectin (CD62P). CD24 may play a role in regulation of B cell proliferation and differentiation, and it has been proposed that heat stable antigen promotes homotypic adhesion between B lymphocytes. CD24 is also a positive marker of pancreatic cancer.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

36 kD

Swiss-Prot:

P24807

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CD24 Polyclonal Antibody detects endogenous levels of CD24 protein.

DATA:

Primary: Anti- CD24 at 1/1000 dilution

Note:

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

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