



CD24 Antibody

E80404-4

Product Type:	Rabbit Polyclonal IgG, primary antibodies
Catalog Number:	E80404-4
Amount:	100ul 0.5mg/ml
Positive control:	Human Spleen
Project ID:	R080402
Molecular Wt.:	~39kDa
Cellular Localization:	Cell Membrane
Form of Antibody:	Liquid
Storage Buffer:	1*TBS (pH7.4), 0.5%BSA, 25%Glycerol. Preservative: 0.05% Sodium Azide.
Description:	The human CD24 antigen is a small heavily glycosylated, glycosylphosphatidylinositol (GPI) linked cell surface protein. It consists of a small protein core comprising 27 amino acids, which is extensively glycosylated and is bound to the membrane via a phosphatidylinositol anchor. The human CD24 antigen is physiologically expressed in developing or regenerating tissue, as well as in granulocytes, keratinocytes and renal tubular epithelium. It 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.
Storage/Stability:	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Recommended Dilutions:	WB: 1:100-500 ICC:1:250 IHC:1:100-1:200
Specificity/Sensitivity:	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a residues of N-terminal residues of human CD24.
Reactivity:	Human
Applications:	WB,ICC,IHC
Swiss-Prot No. :	SwissProt P25063
References:	<ol style="list-style-type: none">1. Kay R, Rosten PM, Humphries RK. CD24, a signal transducer modulating B cell activation responses, is a very short peptide with a glycosyl phosphatidylinositol membrane anchor. J Immunol 1991; 147: 1412-14162. Aigner S, Ruppert M, Hubbe M, Sammar M, Stoecker Z, Butcher EC, Vestweber D, Altevogt P. Heat stable antigen (mouse CD24) supports myeloid cell binding to endothelial and platelet P-selectin. Int Immunol 1995; 7: 1557-1565

For Research Use Only

75kDa

50kDa

37kDa

25kDa



Fig: Western blot analysis on human spleen using anti-CD24 polyclonal antibody