



CD24 Antibody

E80804-3

Product Type:	Rabbit Polyclonal IgG, primary antibodies
Catalog Number:	E80804-3
Amount:	100ul 0.5mg/ml
Positive control:	Mouse Brain Tissue
Project ID:	R080401
Molecular Wt.:	~37kDa
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 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 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.
Purity:	Affinity purified
Recommended Dilutions:	WB: 1:1,000
Specificity/Sensitivity:	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of N-terminal residues of mouse CD24.
Reactivity:	Mouse,Rat
Applications:	WB
Swiss-Prot No. :	SwissProt P24807
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

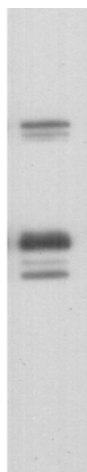
75kDa

50kDa

37kDa

25kDa

20kDa

**Fig:** Western blot analysis

on mouse brain membrane using anti-CD24 polyclonal antibody