

anti-Human CD24 Polyclonal Antibody | anti-CD24 antibody

CD24 Antibody

CATALOG # AAA111100	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

CD24; Polyclonal Antibody; CD24 Antibody; anti-CD24 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a residues of N-terminal residues of human CD24.
Form/Format	1*TBS (pH7.4), 0.5%BSA, 25% Glycerol.
Sequence Length	80
Applicable Applications for anti-CD24 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Preservative	0.05% Sodium Azide.
Cellular Localization	Cell Membrane
Positive Control	Human Spleen
Preparation and Storage	Store at +4 degree C after thawing. Aliquot store at -20 degree C or -80 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data

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

ADDITIONAL INFORMATION

Related Product Information for anti-CD24 antibody	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.
Product Categories/Family for anti-CD24 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells
References	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: 1412-1416. 2. Aigner S, Ruppert M, Hubbe M, Sammar M, Stoege 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	619329006
NCBI GeneID	100133941
NCBI Accession #	NP_001278666.1
NCBI GenBank Nucleotide #	NM_001291737.1
UniProt Accession #	P25063 ; Q16257 ; Q53XS0 ; A0A087WYI6 ; B6EC88 ; R4I4T5
Molecular Weight	~39kDa
NCBI Official Full Name	signal transducer CD24 isoform a preproprotein
NCBI Official Synonym Full Names	CD24 molecule
NCBI Official Symbol	CD24
NCBI Official Synonym Symbols	CD24A
NCBI Protein Information	signal transducer CD24
UniProt Protein Name	Signal transducer CD24
UniProt Gene Name	CD24
UniProt Synonym Gene Names	CD24A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd24-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/111100>