
Product Name: CD24 (11S3) Rabbit Monoclonal Antibody**Catalog #: AMRe08300**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1000-1:5000,IP 1:10-1:100
Molecular Weight	8kDa

Antigen Information

Gene Name	CD24
Alternative Names	CD24; CD24 antigen; CD24A; HAS; Signal transducer CD24;
Gene ID	100133941.0
SwissProt ID	P25063
Immunogen	A synthetic peptide of human CD24

Background

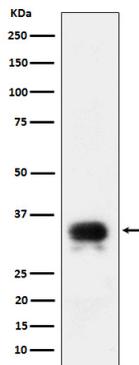
Modulates B-cell activation responses. Signaling could be triggered by the binding of a lectin-like ligand to the CD24

carbohydrates, and transduced by the release of second messengers derived from the GPI-anchor. Promotes AG-dependent proliferation of B-cells, and prevents their terminal differentiation into antibody-forming cells. May have a pivotal role in cell differentiation of different cell types. 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. Modulates B-cell activation responses. Promotes AG-dependent proliferation of B-cells, and prevents their terminal differentiation into antibody-forming cells (PubMed:11313396). In association with SIGLEC10 may be involved in the selective suppression of the immune response to danger-associated molecular patterns (DAMPs) such as HMGB1, HSP70 and HSP90. Plays a role in the control of autoimmunity (By similarity).

Research Area

Neuroscience; Cell Type Marker; Neural Stem Cell marker; Immunology; Adaptive Immunity; B Cells; CD; Stem Cells; Hematopoietic Progenitors; Hematopoietic Stem Cells; Human Lineage Negative; Lymphoid B; Lymphocytic Lineage; T Lymphocytic Lineage; Myeloid; Dendritic Cell Lineage; Monocytic Lineage; Neutrophil Lineage; Erythrocytic Lineage; Cancer; Tumor biomarkers; Tumor antigens; Cancer Metabolism; Response to hypoxia; Cellular metabolic process; Metabolism; Pathways and Processes; Metabolism processes; Hypoxia

Image Data



Western blot analysis of CD24 expression in SH-SY5Y cell lysate.