

Anti-CD24 Reference Antibody (IMM47C-mVH-mVL)

Catalog # APR11463

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P25063
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	8083

Additional Information

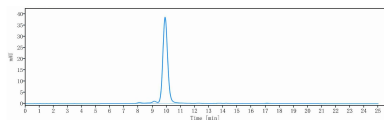
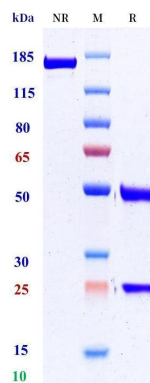
Target/Specificity	CD24
Expression system	CHO

Protein Information

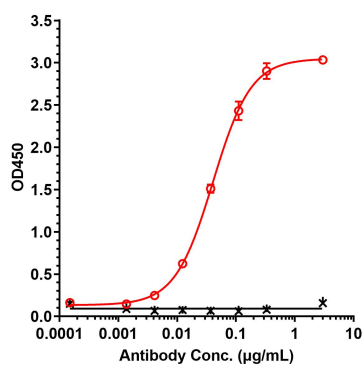
Name	CD24
Synonyms	CD24A
Function	May have a pivotal role in cell differentiation of different cell types. Signaling could be triggered by the binding of a lectin- like ligand to the CD24 carbohydrates, and transduced by the release of second messengers derived from the GPI-anchor. Modulates B-cell activation 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).
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor.
Tissue Location	B-cells. Expressed in a number of B-cell lines including P32/ISH and Namalwa. Expressed in erythroleukemia cell and small cell lung carcinoma cell lines. Also expressed on the surface of T-cells.

Images

Anti-CD24 Reference Antibody (IMM47C-mVH-mVL) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-CD24 Reference Antibody (IMM47C-mVH-mVL) is 95.91%, determined by SEC-HPLC.



Immobilized human-CD24-ECD-Fc(IgG1), It's target at 32 μg/mL can bind IMM47C-mVH-mVL, EC₅₀= 0.04066 μg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.