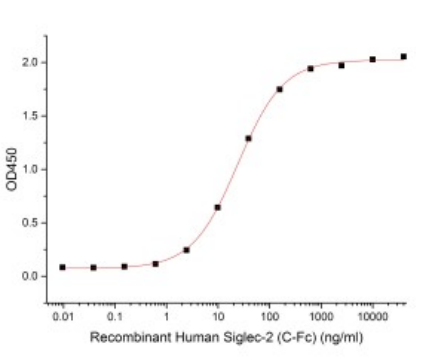
RecomAb™

CD22 recombinant monoclonal antibody (Pinatuzumab)

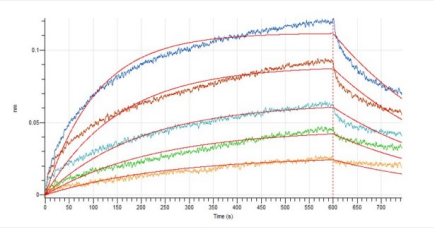
Catalog # RAB09695 Size 50 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Immobilized CD22 recombinant monoclonal antibody (Cat# RAB09695) at 2 ug/mL (100 uL/well) can bind Human CD22-Fc. The ED_{50} of CD22 recombinant monoclonal antibody (Cat# RAB09695) is 24.05 ng/mL .



Bio-layer interferometry

Loaded CD22 recombinant monoclonal antibody (Cat# RAB09695) on Protein A Biosensor, can bind Biotinylated Human CD22 with an affinity constant of 62.55 nM as determined in BLI assay.

Greater than 95% as determined by reducing SDS-PAGE.

Specification

Product Description	Recombinant human monoclonal antibody raised against human CD22.

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Host	Human
Theoretical MW (kDa)	49.3, 24.0
Form	Liquid
Preparation Method	Mammalian expression system
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Endotoxin Level	< 1 EU/ug as determined by LAL test.
Isotype	Human IgG1
Regulatory Status	For research use only (RUO)
Recommend Usage	ELISA BLI assay The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (0.2 um filtered solution).
Storage Instruction	Store at -20°C. Avoid multiple freeze-thaw cycles.

Applications

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Gene Info — CD22

Entrez GeneID	933
Protein Accession#	P20273
Gene Name	CD22
Gene Alias	FLJ22814, MGC130020, SIGLEC-2, SIGLEC2
Gene Description	CD22 molecule

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Omim ID	107266
Gene Ontology	Hyperlink
Other Designations	CD22 antigen

Pathway

- B cell receptor signaling pathway
- Cell adhesion molecules (CAMs)
- Hematopoietic cell lineage

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Lupus Erythematosus
- Scleroderma

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