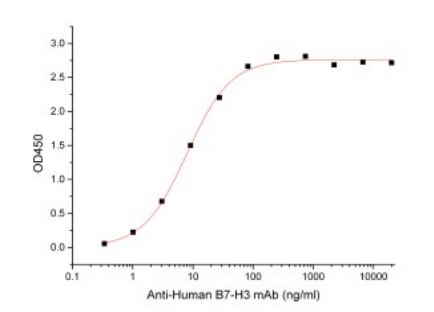
RecomAb™

CD276 recombinant monoclonal antibody (Enoblituzumab)

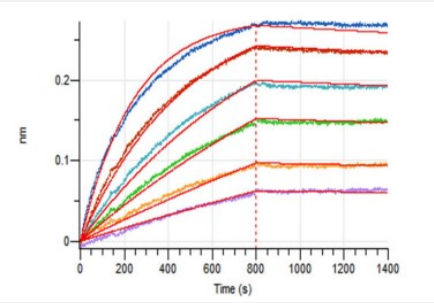
Catalog # RAB09708 Size 50 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Immobilized Human CD276-His at 2 ug/mL (100 uL/well) can bind CD276 recombinant monoclonal antibody (Cat# RAB09708) The ED_{50} of CD276 recombinant monoclonal antibody (Cat# RAB09708) is 7.98 ng/mL .



Bio-layer interferometry

Loaded CD276 recombinant monoclonal antibody (Cat# RAB09708) on Protein A Biosensor, can bind Human CD276-His with an affinity constant of 0.7 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 CD276.

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Host	Human
Theoretical MW (kDa)	49.4, 23
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

- Enzyme-linked Immunoabsorbent Assay

  Immobilized Human CD276-His at 2 ug/mL (100 uL/well) can bind CD276 recombinant monoclonal antibody (Cat# RAB09708)
  The ED_{50} of CD276 recombinant monoclonal antibody (Cat# RAB09708) is 7.98 ng/mL .

- Bio-layer interferometry

  Loaded CD276 recombinant monoclonal antibody (Cat# RAB09708) on Protein A Biosensor, can bind Human CD276-His with an affinity constant of 0.7 nM as determined in BLI assay.

Gene Info — CD276

Entrez GeneID	80381
Protein Accession#	Q5ZPR3
Gene Name	CD276
Gene Alias	B7-H3, B7H3
Gene Description	CD276 molecule

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Omim ID	605715
Gene Ontology	Hyperlink
Gene Summary	Costimulatory B7 molecules (e.g., B7-1, or CD80; MIM 112203) signal through CD28 (MIM 186760) family molecules such as CD28, CTLA4 (MIM 123890), and ICOS (MIM 604558).[supplied by OMIM
Other Designations	B7 homolog 3|CD276 antigen

Pathway

- Cell adhesion molecules (CAMs)

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