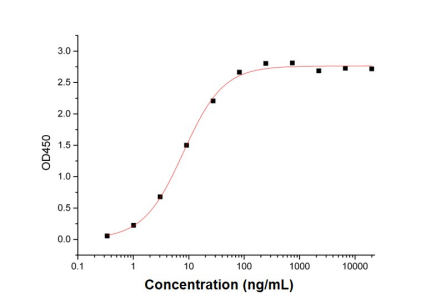
RecomAb™ | *In Vivo* Functional Grade Antibodies

CD276 recombinant monoclonal antibody

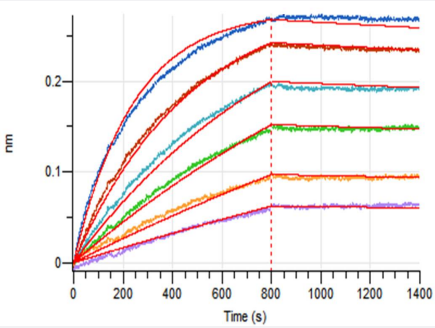
Catalog # RAB07835 Size 1 mg

Applications



Enzyme-linked Immunoabsorbent Assay

Immobilized Human CD276-His at 2 ug/mL (100 uL/well) can bind Human CD276 Antibody (Cat # RAB07835). The ED_{50} of Human CD276 Antibody (Cat # RAB07835) is 7.98 ng/mL.



Bio-layer interferometry

Loaded Human CD276 Antibody (Cat # RAB07835) on Protein A Biosensor, can bind Human CD276-His with an affinity constant of 0.7 nM as determined in BLI assay.

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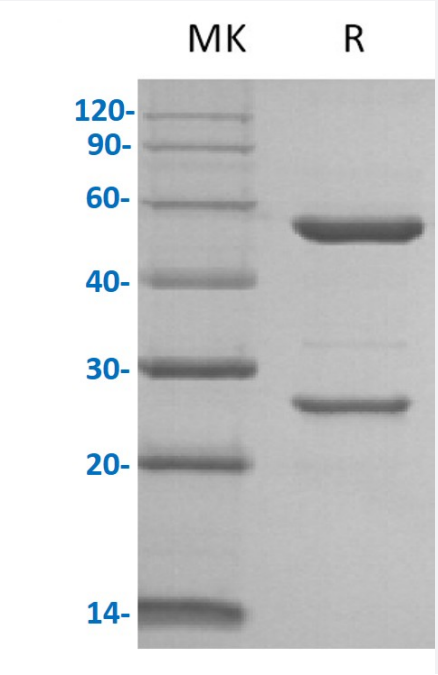

SDS-PAGE

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

Specification

Product Description	CD276 recombinant monoclonal antibody, IgG1 targeting Human CD276 recombinant protein.
Antibody Species	Human
Theoretical MW (kDa)	49.4, 23.5
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell expression system
Isotype	Human IgG1 (Mutated)
Purity	≥ 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of the protein by the LAL method.
Form	Liquid
Isotype	IgG1
Storage Buffer	In PBS, pH 7.4
Sterility	0.2 um filtration
Storage Instruction	Store at -20°C, stable for 12 months after receipt. Aliquot to avoid repeated freezing and thawing.

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- Enzyme-linked Immunoabsorbent Assay

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- Bio-layer interferometry

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Gene Info — CD276

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