Human CD276 Antibody Pair Set

Catalog No. E-KAB-0414 **Applications** ELISA
Synonyms 4Ig-B7-H3;B7-H3;B7H3;B7RP-2

Kit components & Storage

Title	Specifications	Storage
Human CD276 Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human CD276 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

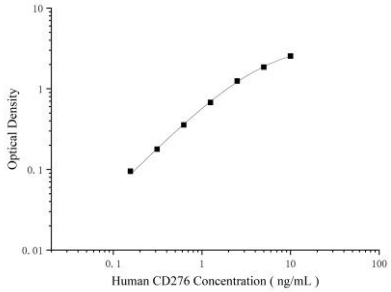
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0414)	
		Human CD276 Capture Antibody	Human CD276 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human CD276 protien	Recombinant Human CD276 protien
	Swissprot	Q5ZPR3-1	
Product details	Reactivity	Human	Human
	Host	Mouse	Mouse
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Protein A or G	Protein A or G
	Specificity	Detects Human CD276 in ELISAs.	

Applications

Human CD276 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Human CD276 Capture Antibody	
ELISA Detection	1:1000-1:10000	Human CD276 Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

The protein encoded by this gene belongs to the immunoglobulin superfamily , and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors , the protein is preferentially expressed only in tumor tissues. Additionally , it was observed that the 3&apos , UTR of this transcript contains a target site for miR29 microRNA , and there is an inverse correlation between the expression of this protein and miR29 levels , suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.