



Rabbit Anti-Human CD276 Polyclonal Antibody (CABT-L2113)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Cluster Of Differentiation 276 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against CD276. It has been selected for its ability to recognize CD276 in immunohistochemical staining and western blotting.
Target	CD276
Immunogen	Recombinant fragment corresponding to human CD276 (Thr47~Ser219)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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' 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. [provided by RefSeq, Sep 2011]
Keywords	B7-H3;B7H3;CD276 Molecule;B7 homolog 3;Costimulatory molecule

GENE INFORMATION

Gene Name	CD276 CD276 molecule [Homo sapiens (human)]
Official Symbol	CD276
Synonyms	CD276; CD276 molecule; B7H3; B7-H3; B7RP-2; 4Ig-B7-H3; CD276 antigen; B7 homolog 3; costimulatory molecule;
Entrez Gene ID	80381
Protein Refseq	NP_001019907
UniProt ID	Q5ZPR3
Chromosome Location	15q23-q24
Pathway	Cell adhesion molecules (CAMs);
Function	protein binding; receptor binding;