

## CD276 Antibody

Catalog No: #46434

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## Description

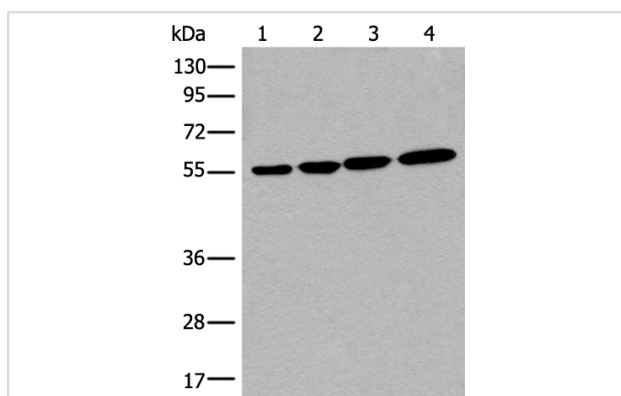
Product Name	CD276 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CD276 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human CD276
Target Name	CD276
Other Names	B7H3; B7-H3; B7RP-2; 4lg-B7-H3
Accession No.	Swiss-Prot:Q5ZPR3NCBI Gene ID:80381NCBI Protein:NP_001019907
Uniprot	Q5ZPR3
GeneID	80381;
Calculated MW	57-100kd
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1: 25-100

## Images

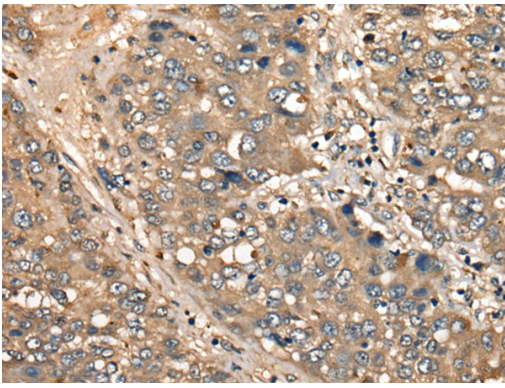


Gel: 8%SDS-PAGE

lysate: 40 µg, Lane 1-4: PC-3, 231B, LNCAP and 293T cell lysates,

Primary antibody: 46434 (CD276 Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 15 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46434(CD276 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

## 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' 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.

Note: This product is for in vitro research use only