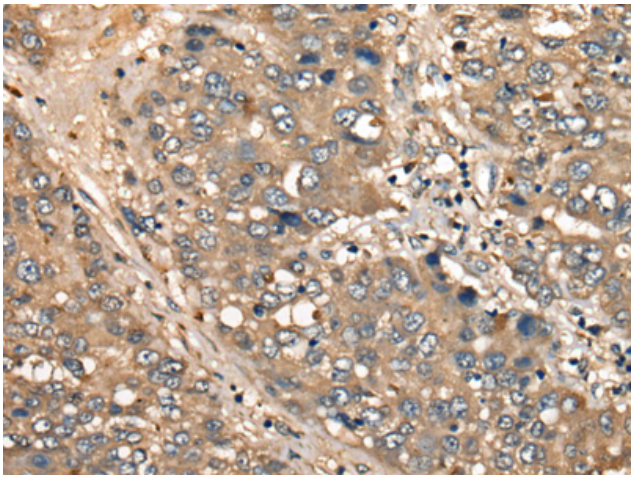
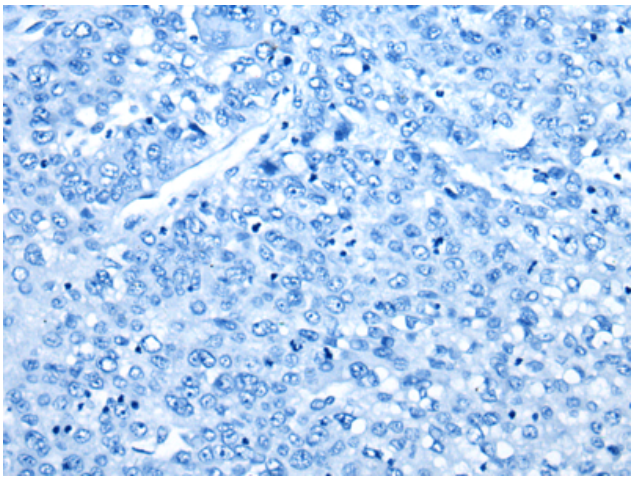
# CD276 RABBIT PAB

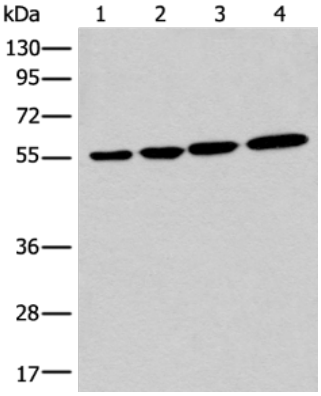
**Cat.#:** S221696
**Product Name:** Anti-CD276 Rabbit Polyclonal Antibody
**Synonyms:** B7H3; B7-H3; B7RP-2; 4Ig-B7-H3
**UNIPROT ID:** Q5ZPR3 (Gene Accession - NP_001019907 )
**Background:** The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the 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.
**Immunogen:** Synthetic peptide of human CD276
**Applications:** ELISA, WB, IHC
**Recommended Dilutions:** IHC: 25-100;WB: 200-1000;ELISA: 5000-10000
**Host Species:** Rabbit
**Clonality:** Rabbit Polyclonal
**Isotype:** Immunogen-specific rabbit IgG
**Purification:** Antigen affinity purification
**Species Reactivity:** Human, Mouse, Rat
**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
**Research Areas:** Cancer, Immunology, Stem Cells
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221696(CD276 Antibody) at a dilution of 1/20(Cytoplasm and Cell membrane).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221696(Anti-CD276 Antibody) at dilution 1/20.




Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-4: PC-3, 231, LNCAP and 293T cell lysates;
Primary antibody: 221696(CD276 Antibody) at dilution 1/350;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 15 seconds