

## Rabbit anti-Human B7-H3/CD276 Polyclonal Antibody | anti-B7-H3/CD276 antibody

B7-H3/CD276 Polyclonal Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA178707</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

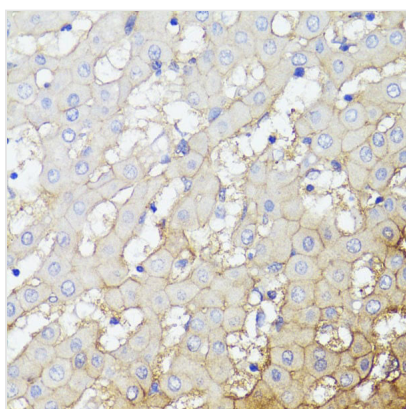
### PRODUCT SYNONYMS

B7-H3/CD276; Polyclonal Antibody; B7-H3/CD276 Polyclonal Antibody; CD276; 4Ig-B7-H3; B7-H3; B7H3; B7RP-2; anti-B7-H3/CD276 antibody

### PRODUCT SPECIFICATIONS

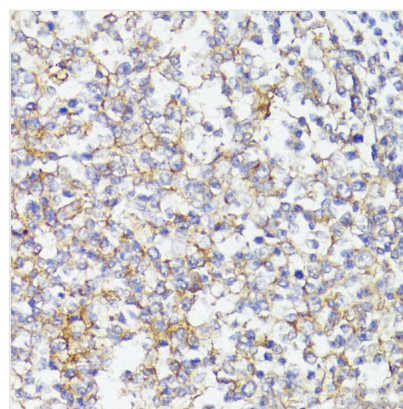
|                                                       |                                                           |
|-------------------------------------------------------|-----------------------------------------------------------|
| Host                                                  | Rabbit                                                    |
| Reactivity                                            | Human                                                     |
| Clonality                                             | Polyclonal                                                |
| Isotype                                               | IgG                                                       |
| Purity/Purification                                   | Affinity purification                                     |
| Form/Format                                           | PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.          |
| Concentration                                         | 1mg/mL (varies by lot)                                    |
| Applicable Applications for anti-B7-H3/CD276 antibody | IHC (Immunohistochemistry), WB (Western Blot)             |
| Immunogen                                             | A synthetic peptide of human B7-H3/CD276                  |
| Research Area                                         | Cancer, Immunology, Stem Cells                            |
| Preparation and Storage                               | Storage: -20 degree C/One year. Avoid freeze/thaw cycles. |

### IMAGES



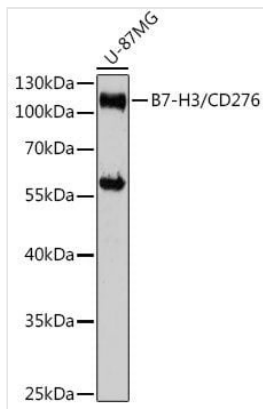
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using CD276/B7-H3 Polyclonal antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil using CD276/B7-H3 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



#### WB (Western Blot)

Western blot analysis of extracts of U-87MG cells using CD276/B7-H3 Polyclonal Antibody at 1:3000 dilution.

### ADDITIONAL INFORMATION

|                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-B7-H3/CD276 antibody</b> | 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. |
| <b>Product Categories/Family for anti-B7-H3/CD276 antibody</b>   | <a href="#">Antibodies</a> ; <a href="#">Primary Antibodies</a> ; <a href="#">Polyclonal Antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

### NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 52694705                                                                                                                                                                     |
| <b>NCBI GeneID</b>                      | 80381                                                                                                                                                                        |
| <b>UniProt Accession #</b>              | <a href="#">Q5ZPR3</a> ; <a href="#">Q6P5Y4</a> ; <a href="#">Q6UXI2</a> ; <a href="#">Q8NBI8</a> ; <a href="#">Q8NC34</a> ; <a href="#">Q8NCB6</a> ; <a href="#">Q9BXR1</a> |
| <b>Molecular Weight</b>                 | 57,235 Da                                                                                                                                                                    |
| <b>NCBI Official Full Name</b>          | B7-H3 protein                                                                                                                                                                |
| <b>NCBI Official Synonym Full Names</b> | CD276 molecule                                                                                                                                                               |
| <b>NCBI Official Symbol</b>             | CD276                                                                                                                                                                        |
| <b>NCBI Official Synonym Symbols</b>    | B7H3; B7-H3; B7RP-2; 4Ig-B7-H3                                                                                                                                               |
| <b>NCBI Protein Information</b>         | CD276 antigen; B7 homolog 3; costimulatory molecule                                                                                                                          |
| <b>UniProt Protein Name</b>             | CD276 antigen                                                                                                                                                                |
| <b>UniProt Gene Name</b>                | <b>CD276</b>                                                                                                                                                                 |
| <b>UniProt Synonym Gene Names</b>       | B7H3; B7-H3                                                                                                                                                                  |
| <b>UniProt Entry Name</b>               | CD276_HUMAN                                                                                                                                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/b7-h3-cd276-antibody-immunohistochemistry-western-blot-elisa/178707>