

B7-H3/CD276 Monoclonal Antibody

catalog number: AN200023P

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

Description

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|---------------------|---|
| Reactivity | Human |
| Immunogen | Recombinant Human B7-H3 / CD276 protein |
| Host | Mouse |
| Isotype | IgG2b |
| Clone | 1F13 |
| Purification | Protein A |
| Buffer | 0.2 µm filtered solution in PBS |

Applications Recommended Dilution

| | |
|---------------|-------------|
| ICC/IF | 1:50-1:1000 |
| FCM | 1:25-1:100 |

Preparation & Storage

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|-----------------|--|
| Storage | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles. |
| Shipping | Ice bag |

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.

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