
CD276 (6A1) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253062

Unit: 0.1 ml

Description:

CD276 is a member of Costimulatory B7 molecules, signal through CD28 family molecules such as CD28, CTLA4, and ICOS. It may participate in the regulation of T-cell-mediated immune response. It can be protective role in tumor cells by inhibiting natural-killer mediated cell lysis as well as a role of marker for detection of neuroblastoma cells. Also, may be involved in the development of acute and chronic transplant rejection and in the regulation of lymphocytic activity at mucosal surfaces. CD276 could also play a key role in providing the placenta and fetus with a suitable immunological environment throughout pregnancy. Both isoform 1 and isoform 2 appear to be redundant in their ability to modulate CD4 T-cell responses. Isoform 2 is shown to enhance the induction of cytotoxic T-cells and selectively stimulates interferon gamma production in the presence of T-cell receptor signaling.

Isotype: Mouse IgG1

Applications: WB, IHC, IF

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: CD276 antigen; 4Ig-B7-H3; B7 homolog 3; B7-H3 Costimulatory molecule; CD276 PSEC0249; UNQ309/PRO352; B7H3; CD276

Accession No.: Q5ZPR3

Antigen: Purified recombinant fragment of human CD276 expressed in E. coli.

Application Notes: WB: 1:200-1:1000; IHC: 1:200-1:1000; IF: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.