

**Anti-B7-H3 / CD276 Reference Antibody (Trellis patent anti-B7-H3)
Recombinant Antibody
Catalog # APR10789****Specification**

Anti-B7-H3 / CD276 Reference Antibody (Trellis patent anti-B7-H3) - Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	Q5ZPR3
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

Anti-B7-H3 / CD276 Reference Antibody (Trellis patent anti-B7-H3) - Additional Information**Target/Specificity**

B7-H3 / CD276

Endotoxin

< 0.001EU/ µg,determined by LAL method.

Conjugation

Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Anti-B7-H3 / CD276 Reference Antibody (Trellis patent anti-B7-H3) - Protein Information**Name** CD276**Synonyms** B7H3**Function**

May participate in the regulation of T-cell-mediated immune response. May play a protective role in tumor cells by inhibiting natural-killer mediated cell lysis as well as a role of marker for detection of neuroblastoma cells. May be involved in the development of acute and chronic transplant rejection and in the regulation of lymphocytic activity at mucosal surfaces. 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.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

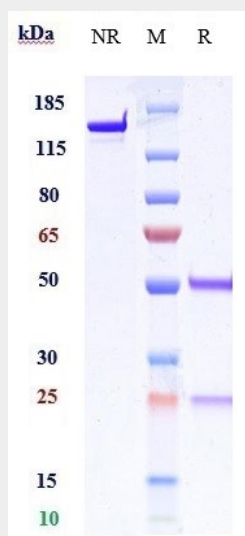
Ubiquitous but not detectable in peripheral blood lymphocytes or granulocytes. Weakly expressed in resting monocytes Expressed in dendritic cells derived from monocytes. Expressed in epithelial cells of sinonasal tissue. Expressed in extravillous trophoblast cells and Hofbauer cells of the first trimester placenta and term placenta.

Anti-B7-H3 / CD276 Reference Antibody (Trellis patent anti-B7-H3) - Protocols

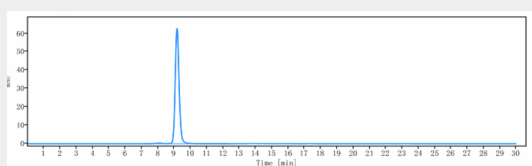
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-B7-H3 / CD276 Reference Antibody (Trellis patent anti-B7-H3) - Images



Anti-B7-H3 / CD276 Reference Antibody (Trellis patent anti-B7-H3) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-B7-H3 / CD276 Reference Antibody (Trellis patent anti-B7-H3) is more than 95%, determined by SEC-HPLC.