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Human CellExp™ B7-H3 / CD276, Mouse recombinant

B7-H3, CD276, B7 homolog 3
Catalog # PBV11553r

Specification

Human CellExp™ B7-H3 / CD276, Mouse recombinant - Product info

Primary Accession	Q8VE98
Calculated MW	**25.4 kDa KDa**

Human CellExp™ B7-H3 / CD276, Mouse recombinant - Additional Info

Gene ID	**102657**

Other Names
B7-H3, CD276, B7 homolog 3

Gene Source	**Mouse**
Source	**HEK 293 cells**
Assay&Purity	**SDS-PAGE;>95%**
Recombinant	**Yes**

Target/Specificity
CD276

Application Notes
Reconstitute in sterile deionized water to a concentration of 50 µg/ml.

Format
Lyophilized

Storage
-20°C;Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally Mannitol or Trehalose is added as a protectant before lyophilization.

Human CellExp™ B7-H3 / CD276, Mouse recombinant - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp™ B7-H3 / CD276, Mouse recombinant - Images

Human CellExp™ B7-H3 / CD276, Mouse recombinant - Background

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B7 homolog 3 (B7-H3), a member of the immunoglobulin superfamily, is also known CD276, which contains two Ig-like C2-type (immunoglobulin-like) domains and two Ig-like V-type (immunoglobulin-like) domains. B7-H3 may participate in the regulation of T-cell-mediated immune response. B7-H3 also plays 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. Furthermore, B7-H3 is involved in the development of acute and chronic transplant rejection and in the regulation of lymphocytic activity at mucosal surfaces. It could also play a key role in providing the placenta and fetus with a suitable immunological environment throughout pregnancy.