

**bsm-61503R**

**[ Primary Antibody ]**

## B7-H3/CD276 Recombinant Rabbit mAb

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### — DATASHEET —

**Host:** Rabbit

**Isotype:** IgG

**Clonality:** Recombinant

**CloneNo.:** 10H12

**GeneID:** 80381

**SWISS:** Q5ZPR3

**Target:** B7-H3/CD276

**Immunogen:** A synthesized peptide derived from human CD276: 1-534/534.

**Purification:** affinity purified by Protein A

**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

**Background:** 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.

**Applications:** WB (1:500-2000)

**IHC-P** (1:50-200)

**IHC-F** (1:50-200)

**IF** (1:50-200)

**Flow-Cyt** (1:50-100)

**ICC/IF** (1:50-200)

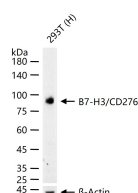
**IP** (1:25-100)

**Reactivity:** Human

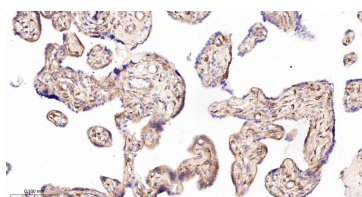
**Predicted  
MW.:** 57

**Subcellular  
Location:** Cell membrane

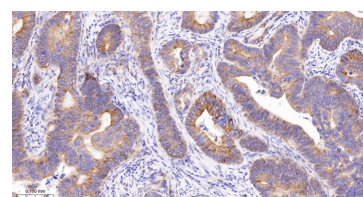
### — VALIDATION IMAGES —



25 ug total protein per lane of various lysates (see on figure) probed with B7-H3/CD276 monoclonal antibody, unconjugated (bsm-61503R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with B7-H3/CD276 Monoclonal Antibody, Unconjugated (bsm-61503R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with B7-H3/CD276 Monoclonal Antibody, Unconjugated (bsm-61503R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.