
B7-H3/CD276 Mouse mAb

Catalog Number: bsm-51711M

Target Protein: B7-H3/CD276

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Monoclonal

Clone No.: F6D12

Isotype: IgG1,K

Applications: WB (1:500-2000), IHC-P (1:100-400), IHC-F (1:100-400), IF (1:100-500)

Reactivity: Human

Predicted MW: 54 kDa

Entrez Gene: 80381

Swiss Prot: Q5ZPR3

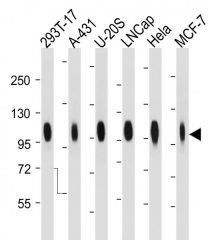
Purification: affinity purified by Protein G

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

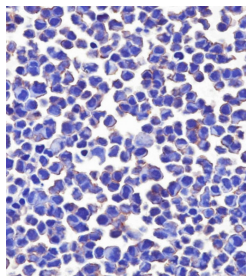
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Sep 2011]

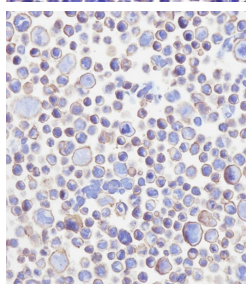
VALIDATION IMAGES



Sample: Lane 1: 293T-17 cell lysates Lane 2: A-431 cell lysates Lane 3: U-20S cell lysates Lane 4: LNCap cell lysates Lane 5: Hela cell lysates Lane 6: MCF-7 cell lysates Primary: Anti-CD276 (bsm-51711M) at 1/4000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 54 kD Observed band size: 100 kD



Immunohistochemical analysis of CD276 Antibody in MCF-7 cell sections. Cell was fixed with formaldehyde and blocked with super block for 10 minutes at room temperature; antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody (1:25) for 1 hours at room temperature. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Immunohistochemical analysis of CD276 Antibody in 293T(untransfected) cell sections. Cell was fixed with formaldehyde and blocked with super block for 10 minutes at room temperature; antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.