

bsm-30140M**[Primary Antibody]****human CD279 (PD-1) Mouse mAb****BioSS**
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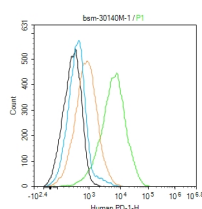
400-901-9800

— DATASHEET —**Host:** Mouse**Isotype:** Mouse IgG1, k**Applications:** Flow-Cyt (1ug/Test)**Clonality:** Monoclonal**CloneNo.:** 3A9**Reactivity:** Human**Target:** human CD279 (PD-1)**Purification:** affinity purified by Protein G**Storage:** 0.01M TBS (pH7.4).

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

**Predicted
MW.:** 32 kDa

Background: Programmed cell death protein 1 (PDCD1) is an immune-inhibitory receptor expressed in activated T cells; it is involved in the regulation of T-cell functions, including those of effector CD8+ T cells. In addition, this protein can also promote the differentiation of CD4+ T cells into T regulatory cells. PDCD1 is expressed in many types of tumors including melanomas, and has demonstrated to play a role in anti-tumor immunity. Moreover, this protein has been shown to be involved in safeguarding against autoimmunity, however, it can also contribute to the inhibition of effective anti-tumor and anti-microbial immunity. [provided by RefSeq, Aug 2020]

**Subcellular
Location:** Cell membrane**— VALIDATION IMAGES —**

Blank control:MCF7. Primary Antibody (green line): Mouse Anti-PD-1 antibody (bsm-30140M)
Dilution: 1:100; Secondary Antibody : Goat anti-mouse IgG-FITC Dilution: 0.5ug/Test. Protocol
The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.