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## Product Datasheet

### **PDCD1 / PD1 / CD279 (Programmed Cell Death 1) (PDCD1/1410R), Biotin conjugate, 0.1mg/mL, Clone: [PDCD1/1410R], Rabbit, Monoclonal BOT-BNCB1410-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | PDCD1 / PD1 / CD279 (Programmed Cell Death 1) (PDCD1/1410R), Biotin conjugate, 0.1mg/mL, Clone: [PDCD1/1410R], Rabbit, Monoclonal                                                                                                                             |
| Biozol Catalog Number      | BOT-BNCB1410-100                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNCB1410-100                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNCB1410-100-100UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Human recombinant PDCD1 protein fragment (exact sequence is proprietary)                                                                                                                                                                                      |
| Conjugation                | Biotin                                                                                                                                                                                                                                                        |
| Product Description        | PD-1 (also known as Programmed Death 1, CD279, and PDCD1) is a negative regulatory T-cell surface receptor. PD-1 is a Type I transmembrane protein expressed on the plasma membrane of T-cells. It is a T-cell checkpoint protein, involved in preventing ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |

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| Clone Designation | [PDCD1/1410R]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Molecular Weight  | 55 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UniProt           | <a href="#">Q15116</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL Immunohistology (formalin) 1-2 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris, 1 mM EDTA pH 9.0 for 10-20 min followed by cooling at RT for 20 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user |