

PRODUCT INFORMATION

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| Clone ID | 4E1 |
| Target | Canine PD-1 |
| Synonyms | PD1; PDCD1; CD279; SLEB2; hPD-1; hPD-l; hSLE1 |
| Host Species | Rabbit |
| Description | Biotinylated Anti-Canine PD-1 antibody(4E1), Rabbit mAb |
| Delivery | 2-3 weeks |
| Uniprot ID | NP_001301026.1 |
| IgG type | Rabbit IgG |
| Clonality | Monoclonal |
| Reactivity | Canine |
| Applications | ELISA |
| Recommended Dilutions | ELISA 1/5000-10000 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| 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] |
| Usage | Research use only |

