



Anti-PDCD1 polyclonal antibody (DPABY-263)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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|---------------------|---|
| Antigen Description | View PD1 IHC images. |
| Specificity | Detects human PD-1 in ELISAs and Western blots. In sandwich ELISAs, less than 2% cross-reactivity with recombinant mouse PD-1 and less than 0.2% cross-reactivity with recombinant human (rh) CD28, rhICOS, and rhCTLA-4 is observed. |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant human PD-1. Leu25-Gln167 Accession Number Q8IX89 |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Human |
| Purification | Antigen Affinity-purified |
| Conjugate | Unconjugated |
| Applications | Western Blot, Flow Cytometry, Immunohistochemistry, ELISA Capture (Matched Pair), Blockade of Receptor-ligand Interaction |
| Format | Liquid |
| Size | 100 µg |
| Buffer | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. |
| Preservative | None |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month from date of receipt, 2 to 8 °C, reconstituted. |

6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

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| Gene Name | PDCD1 programmed cell death 1 [Homo sapiens (human)] |
| Official Symbol | PDCD1 |
| Synonyms | PDCD1; programmed cell death 1; PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1; programmed cell death protein 1; protein PD-1; systemic lupus erythematosus susceptibility 2; |
| Entrez Gene ID | 5133 |
| Protein Refseq | NP_005009 |
| UniProt ID | Q15116 |
| Chromosome Location | 2q37.3 |
| Pathway | Adaptive Immune System; Cell adhesion molecules (CAMs); Costimulation by the CD28 family; Immune System; PD-1 signaling; T cell receptor signaling pathway; |
| Function | protein binding; signal transducer activity; |