

30-1592: Anti-CD279 / PD-1 Monoclonal Antibody (Clone:EH12.2H7)-Low Endotoxin

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|---------------------------|--------------------------------|
| Clonality : | Monoclonal |
| Clone Name : | EH12.2H7 |
| Application : | FACS, IHC-Fr, Functional Assay |
| Reactivity : | Human, Non-Human Primates |
| Gene : | PDCD1 |
| Gene ID : | 5133 |
| Uniprot ID : | Q15116 |
| Format : | Low Endotoxin |
| Alternative Name : | PDCD1,PD1 |
| Isotype : | Mouse IgG1 |

Description

CD279 / PD-1 (programmed cell death 1), a transmembrane protein of CD28/CTLA-4 family. It is expressed inducibly mainly on activated T, B, and myeloid cells and plays a role in maintaining peripheral self-tolerance. Binding to its receptors CD273 and CD274 is associated with inhibition of T cell proliferation and induction of their anergy. It is also expressed during thymic development. Some variants of CD279 are associated with susceptibility to systemic lupus erythematosus, type 1 diabetes, and rheumatoid arthritis.

Product Info

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| Amount : | 0.1 mg |
| Purification : | Purified by protein-A affinity chromatography |
| Storage condition : | Store at 2-8°C. Do not freeze. |

Application Note

Flow Cytometry Immunohistochemistry (frozen sections) Functional Application blocking