

**30-1090: Anti-CD279 / PD-1 Monoclonal Antibody (Clone:EH12.2H7)**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	EH12.2H7
<b>Application :</b>	FACS, IHC-Fr, Functional Assay
<b>Reactivity :</b>	Human, Non-Human Primates
<b>Gene :</b>	PDCD1
<b>Gene ID :</b>	5133
<b>Uniprot ID :</b>	Q15116
<b>Format :</b>	Purified
<b>Alternative Name :</b>	PDCD1,PD1
<b>Isotype :</b>	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**

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

**Application Note**

**Flow Cytometry Immunohistochemistry (frozen sections) Functional Application** blocking