

## CD279/PD1 (PN0612) Nb-FC recombinant antibody

<b>Catalog No :</b>	YA0256
<b>Reactivity :</b>	Human
<b>Applications :</b>	ELISA
<b>Target :</b>	CD279/PD1
<b>Gene Name :</b>	PDCD1 PD1
<b>Protein Name :</b>	Programmed cell death protein 1 (Protein PD-1) (hPD-1) (CD antigen CD279)
<b>Human Gene Id :</b>	5133
<b>Human Swiss Prot No :</b>	Q15116
<b>Immunogen :</b>	Purified recombinant Human PD1
<b>Specificity :</b>	This recombinant monoclonal antibody can detects endogenous levels of CD279/PD1 protein.
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
<b>Dilution :</b>	ELISA 1:5000-100000
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Concentration :</b>	Please check the information on the tube
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Background :</b>	This gene encodes a cell surface membrane protein of the immunoglobulin superfamily. This protein is expressed in pro-B-cells and is thought to play a role in their differentiation. In mice, expression of This gene is induced in the thymus when anti-CD3 antibodies are injected and large numbers of thymocytes undergo

apoptosis. Mice deficient for This gene bred on a BALB/c background developed dilated cardiomyopathy and died from congestive heart failure. These studies suggest that This gene product may also be important in T cell function and contribute to the prevention of autoimmune diseases. [provided by RefSeq, Jul 2008]

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**Function :**

developmental stage: Induced at programmed cell death., disease: Genetic variation in PDCD1 is associated with susceptibility to systemic lupus erythematosus type 2 (SLEB2) [MIM:605218]. Systemic lupus erythematosus is a chronic, inflammatory and often febrile multisystemic disorder of connective tissue. It affects principally the skin, joints, kidneys and serosal membranes. It is thought to represent a failure of the regulatory mechanisms of the autoimmune system., Possible cell death inducer, in association with other factors., similarity: Contains 1 Ig-like V-type (immunoglobulin-like) domain., subunit: Monomer.,

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**Subcellular Location :**

Cell membrane ; Single-pass type I membrane protein.

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**Expression :**

Placenta, Pooled tissue, Uterine cervix

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