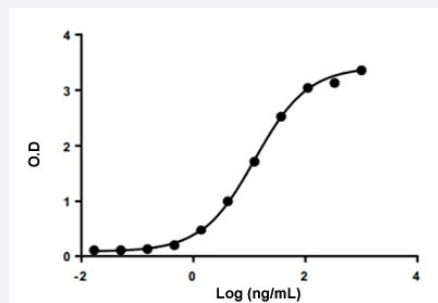


Anti-Nivolumab polyclonal antibody

Catalog # PAB31790

Size 40 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA binding of Anti-Nivolumab polyclonal antibody with Nivolumab (Cat # PAB31790). Coating antigen: Nivolumab, 1 ug/mL. Anti-Nivolumab polyclonal antibody dilution start from 1000 ng/mL. $EC_{50} = 12.42$ ng/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against Nivolumab. Target gene is PD-1.
Immunogen	Nivolumab.
Host	Rabbit
Specificity	The product is specific for Nivolumab. This antibody serves as an excellent positive control for Nivolumab immunogenicity (ADA) assays.
Form	Lyophilized
Purification	Antigen affinity purification
Recommend Usage	ELISA (0.02-1 ug/mL (Direct)) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS, pH 7.4 (0.02% sodium azide).

Storage Instruction

Store at -20°C on dry atmosphere. The lyophilized product remains stable up to 1 year at -20°C from date of receipt.

After reconstitution with deionized water (or equivalent) to a final concentration of 0.5 mg/mL, it can be stored for 2-3 weeks at 2-8°C or for up to 12 months at -20°C or below.

Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

ELISA binding of Anti-Nivolumab polyclonal antibody with Nivolumab (Cat # PAB31790). Coating antigen: Nivolumab, 1 ug/mL. Anti-Nivolumab polyclonal antibody dilution start from 1000 ng/mL. EC₅₀ = 12.42 ng/mL.

- Immunogenicity assay

Gene Info — PDCD1

Entrez GeneID	5133
Gene Name	PDCD1
Gene Alias	CD279, PD1, SLEB2, hPD-1, hPD-I
Gene Description	programmed cell death 1
Omim ID	152700 600244
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	-

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [T cell receptor signaling pathway](#)

Disease

- [Addison Disease](#)
- [Alveolitis](#)
- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Carcinoma](#)
- [Choriocarcinoma](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Hydatidiform Mole](#)
- [Inflammation](#)
- [Kidney Diseases](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Multiple Sclerosis](#)

- [Myocardial Infarction](#)
- [Neovascularization](#)
- [Polyendocrinopathies](#)
- [Spondylitis](#)
- [Uterine Cervical Neoplasms](#)
- [Uveomeningoencephalitic Syndrome](#)
- [Vasculitis](#)
- [Wegener Granulomatosis](#)