



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### PDCD1 recombinant monoclonal antibody, clone F2-5F4

**Catalog Number:** RAB03745

**Regulatory Status:** For research use only (RUO)

**Product Description:** Llama recombinant monoclonal antibody raised against synthetic peptide corresponding to amino acids 25 - 167 of human PD-1.

**Clone Name:** F2-5F4

**Immunogen:** Original antibody is raised against a synthetic peptide corresponding to amino acids 25 - 167 of human PD-1

**Antibody Species:** Llama

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Conjugation:** Unconjugated

**Purification:** affinity chromatography

**Concentration:** 1 mg/mL

**Isotype:** sdAb

**Recommend Usage:** ELISA (10  $\mu$ g/ml)  
Flow cytometry (10  $\mu$ g/ml)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS

**Storage Instruction:** Store in working aliquots at -20°C for 1 year.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5133

**Gene Symbol:** PDCD1

**Gene Alias:** CD279, PD1, SLEB2, hPD-1, hPD-I

**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]