

## Product datasheet

# Anti-PD1 antibody [J43.1] - Low endotoxin, Azide free ab210290

### Overview

---

<b>Product name</b>	Anti-PD1 antibody [J43.1] - Low endotoxin, Azide free
<b>Description</b>	Armenian Hamster monoclonal [J43.1] to PD1 - Low endotoxin, Azide free
<b>Host species</b>	Armenian hamster
<b>Tested applications</b>	<b>Suitable for:</b> Functional Studies, IHC-Fr, Flow Cyt, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.
<b>General notes</b>	Endotoxin Level: Less than or equal to 0.01 EU/μg, as determined by the LAL assay.

### Properties

---

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Constituents: 0.12% Monobasic dihydrogen sodium phosphate, 0.87% Sodium chloride
<b>Purity</b>	Affinity purified
<b>Purification notes</b>	ab210290 was purified from tissue culture supernatant via affinity chromatography and is guaranteed to be >90% pure as determined by SDS-PAGE analysis.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	J43.1
<b>Isotype</b>	IgG

### Applications

---

Our [Abpromise guarantee](#) covers the use of **ab210290** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Functional Studies		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.

## Target

<b>Function</b>	Possible cell death inducer, in association with other factors.
<b>Involvement in disease</b>	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.
<b>Sequence similarities</b>	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>Developmental stage</b>	Induced at programmed cell death.
<b>Cellular localization</b>	Membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors