

Product datasheet

Anti-PD1 antibody [J43] - Low endotoxin, Azide free ab171266

[1 Image](#)

Overview

Product name	Anti-PD1 antibody [J43] - Low endotoxin, Azide free
Description	Armenian hamster monoclonal [J43] to PD1 - Low endotoxin, Azide free
Host species	Armenian hamster
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	The details of the immunogen for this antibody are not available.
Positive control	3-day ConA-stimulated BALB/c splenocytes
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein G purified
Clonality	Monoclonal
Clone number	J43
Isotype	IgG

Applications

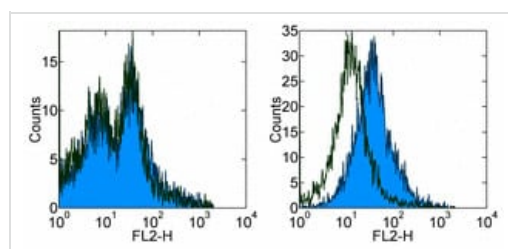
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab171266 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 0.5µg for 10 ⁵⁻⁸ cells. In 100 µL volume. ab18479 - Armenian Hamster monoclonal IgG, is suitable for use as an isotype control with this antibody.

Target

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

Images



Flow Cytometry - Anti-PD1 antibody [J43] - Low endotoxin, Azide free (ab171266)

Flow cytometric analysis of 3-day unstimulated (left panel) and 3-day ConA-stimulated (right panel) BALB/c splenocytes with 0.25 µg of ab171266 (filled histogram) with Anti-Mouse CD279 (PD1) Functional Grade Purified antibody (open histogram) followed by Anti-Armenian Hamster IgG Biotin and Streptavidin PE. Total viable cells were used for analysis.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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