abcam

Product datasheet

# PD-L1 Antibody Panel (28-8, 73-10, SP142, CAL10) ab239749

Recombinant

2 References 5 Images

## Overview

**Product name**

PD-L1 Antibody Panel (28-8, 73-10, SP142, CAL10)

**Product overview**

PD-L1 Antibody Panel ab239749 is a panel of 4 recombinant rabbit monoclonal antibodies against human PD-L1. They are provided in small sizes to allow you to easily evaluate which is the best PD-L1 antibody for your human PD-L1 research assay needs.

For guidelines on how to use each antibody within the panel, please consult the individual datasheet for each antibody.

Panel contains:
- Rabbit monoclonal [73-10] to PD-L1 (10 µL) **ab228415**
- Rabbit monoclonal [28-8] to PD-L1 (10 µL) **ab205921**
- Rabbit monoclonal [SP142] to PD-L1 (25 µL) **ab228462**
- Rabbit monoclonal [CAL10] to PD-L1 (10 µL) **ab237726**

See our **comparison table of PD-L1 clones 28-8, 73-10, SP142 and CAL10** to help you find the optimal recombinant monoclonal PD-L1 antibody clone for your research.

**Notes**

All of the antibodies are ideal for use with immunohistochemistry with paraffin-embedded / formalin-fixed sections (as well as with other techniques).

**Explore our range of antibody sample panels** designed to provide you with a variety of trial-size antibodies in a convenient and cost-effective format.

**Carrier-free formulations** of our recombinant antibodies are available and ready to use for multiplex IHC analysis including Imaging Mass Cytometry™. Please refer to the 'Associated products' section below.

## Properties

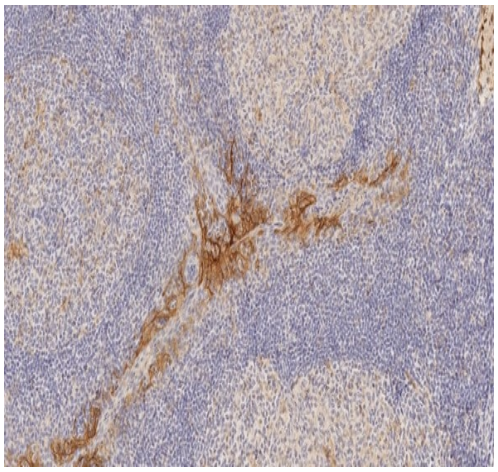
**Storage instructions**

Store at -20°C. Please refer to protocols.

| Components | 1 kit |
|---|---|
| ab205921 - Anti-PD-L1 antibody [28-8] | 1 x 10µl |
| ab228415 - Anti-PD-L1 antibody [73-10] | 1 x 10µl |
| ab237726 - Anti-PD-L1 antibody [CAL10] | 1 x 10µl |
| ab228462 - Anti-PD-L1 antibody [SP142] - C-terminal | 1 x 25µl |

| | |
|---|---|
| **Function** | Involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation and cytokine production. |
| **Tissue specificity** | Highly expressed in the heart, skeletal muscle, placenta and lung. Weakly expressed in the thymus, spleen, kidney and liver. Expressed on activated T- and B-cells, dendritic cells, keratinocytes and monocytes. |
| **Sequence similarities** | Belongs to the immunoglobulin superfamily. BTN/MOG family.<br>Contains 1 Ig-like C2-type (immunoglobulin-like) domain.<br>Contains 1 Ig-like V-type (immunoglobulin-like) domain. |
| **Cellular localization** | Cell membrane and Endomembrane system. |

## Images

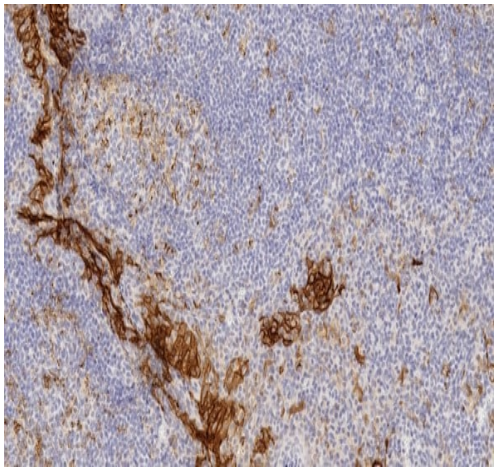


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PD-L1 antibody [28-8]

IHC image of **ab205921** staining PD-L1 in human tonsil formalin fixed paraffin embedded tissue sections*, performed on a Leica BOND RX (Polymer Refine kit). The section was pre-treated using heat mediated antigen retrieval with EDTA buffer (pH9, epitope retrieval solution 2) for 30 mins at 98°C. The section was then incubated with **ab205921**, 5µg/ml working concentration, for 60 mins at room temperature and detected using an HRP conjugated compact polymer system for 8 minutes at room temperature. DAB was used as the chromogen for 10 minutes at room temperature. The section was then counterstained with hematoxylin, blued, dehydrated, cleared and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PD-L1 antibody [SP142]

IHC image of **ab228462** staining PD-L1 in human tonsil formalin fixed paraffin embedded tissue sections*, performed on a Leica BOND RX (standard Protocol F, Polymer Refine kit). The section was pre-treated using heat mediated antigen retrieval with EDTA buffer (pH9, epitope retrieval solution 2) for 30 mins at 98°C. The section was then incubated with **ab228462**, 1/400 working dilution, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system for 8 minutes at room temperature. DAB was used as the chromogen for 10 minutes at room temperature. The section was then counterstained with hematoxylin, blued, dehydrated, cleared and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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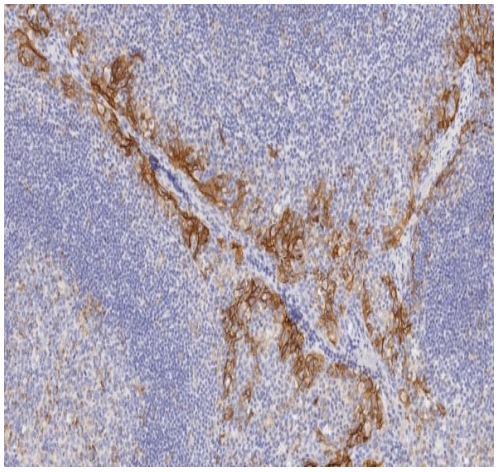

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PD-L1 antibody [CAL10]

IHC image of **ab237726** staining PD-L1 in human tonsil formalin fixed paraffin embedded tissue sections*, performed on a Leica BOND RX (standard Protocol F, Polymer Refine kit). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 30 mins at 98°C. The section was then incubated with **ab237726**, 1µg/ml working concentration, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system for 8 minutes at room temperature. DAB was used as the chromogen for 10 minutes at room temperature. The section was then counterstained with hematoxylin, blued, dehydrated, cleared and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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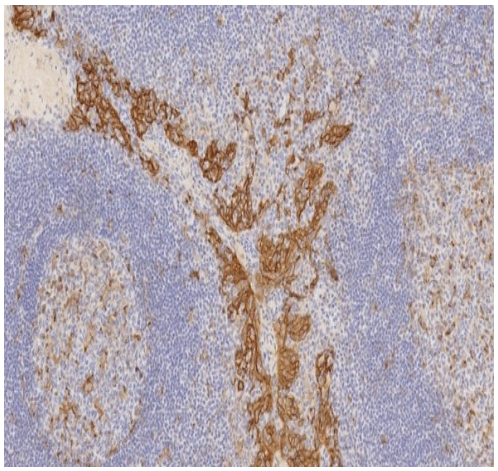
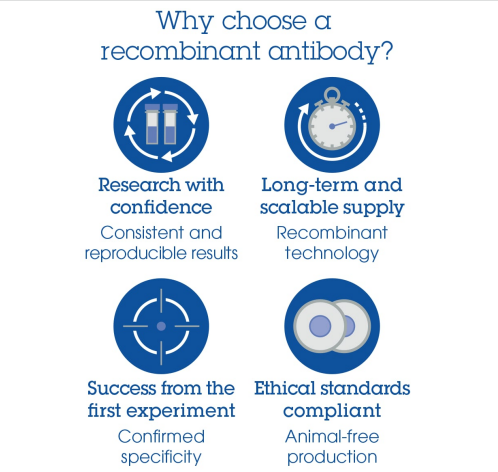


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PD-L1 antibody [73-10]

IHC image of **ab228415** staining PD-L1 in human tonsil formalin fixed paraffin embedded tissue sections*, performed on a Leica BOND RX (standard Protocol F, Polymer Refine kit). The section was pre-treated using heat mediated antigen retrieval with EDTA buffer (pH9, epitope retrieval solution 2) for 30 mins at 98°C. The section was then incubated with **ab228415**, 0.06µg/ml working concentration, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system for 8 minutes at room temperature. DAB was used as the chromogen for 10 minutes at room temperature. The section was then counterstained with hematoxylin, blued, dehydrated, cleared and mounted with DPX.




PD-L1 Antibody Panel (28-8, 73-10, SP142, CAL10) (ab239749)

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

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