Product datasheet

Anti-PD-L1 antibody [SP142] - C-terminal ab228462

Overview

Product name: Anti-PD-L1 antibody [SP142] - C-terminal
Description: Rabbit monoclonal [SP142] to PD-L1 - C-terminal
Host species: Rabbit
Tested applications: Suitable for: IHC-P
Species reactivity: Reacts with: Human
Immunogen: Synthetic peptide within Human PD-L1 aa 250 to the C-terminus (C terminal). The exact sequence is proprietary.
Database link: Q9NZQ7

Properties

Form: Liquid
Storage buffer: pH: 7.6
Preservative: 0.099% Sodium azide
 Constituents: PBS, 1% BSA
Purity: Immunogen affinity purified
Purification notes: Purified from TCS by protein A/G.
Clonality: Monoclonal
Clone number: SP142
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab228462 in the following tested applications.
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.
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization

Cell membrane and Endomembrane system.

Target

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.
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization

Cell membrane and Endomembrane system.

Images

Formalin-fixed, paraffin-embedded human placenta tissue stained for PD-L1 using ab228462 at 1/100 dilution in immunohistochemical analysis.
Formalin-fixed, paraffin-embedded human tonsil tissue stained for PD-L1 using ab228462 at 1/100 dilution in immunohistochemical analysis.

Formalin-fixed, paraffin-embedded human lung squamous cell carcinoma tissue stained for PD-L1 using ab228462 at 1/100 dilution in immunohistochemical analysis.
Formalin-fixed, paraffin-embedded human Hodgkin's lymphoma tissue stained for PD-L1 using ab228462 at 1/100 dilution in immunohistochemical analysis.

Formalin-fixed, paraffin-embedded human cervical squamous cell carcinoma tissue stained for PD-L1 using ab228462 at 1/100 dilution in immunohistochemical analysis.
Formalin-fixed, paraffin-embedded human pancreatic adenocarcinoma tissue stained for PD-L1 using ab228462 at 1/100 dilution in immunohistochemical analysis.

Formalin-fixed, paraffin-embedded human prostate adenocarcinoma tissue stained for PD-L1 using ab228462 at 1/100 dilution in immunohistochemical analysis.
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PD-L1 antibody [SP142] - C-terminal (ab228462)

Formalin-fixed, paraffin-embedded human skin squamous cell carcinoma tissue stained for PD-L1 using ab228462 at 1/100 dilution in immunohistochemical analysis.

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