abcam

Product datasheet

Alexa Fluor® 647 Anti-PD-L1 antibody [28-8] - Extracellular domain ab209960

リコンビナント RabMAb

7 References 画像数 3

製品の概要

製品名	Alexa Fluor® 647 Anti-PD-L1 antibody [28-8] - Extracellular domain
製品の詳細	Alexa Fluor® 647 Rabbit monoclonal [28-8] to PD-L1 - Extracellular domain
由来種	Rabbit
標識	Alexa Fluor® 647. Ex: 652nm, Em: 668nm
アプリケーション	**適用あり:** Flow Cyt, ICC/IF
種交差性	**交差種:** Human
免疫原	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	ICC/IF: CHO-PDL1 cells Flow Cyt: CHO-PDL1 cells
特記事項	Anti-PD-L1 antibody [28-8] has been used as detector antibody in **Human PD-L1 SimpleStep ELISA® kit (ab214565)**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**. Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or **outlicensing@thermofisher.com**.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 1% BSA, 30% Glycerol (glycerin, glycerine), PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	28-8
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab209960の使用に適用されます**

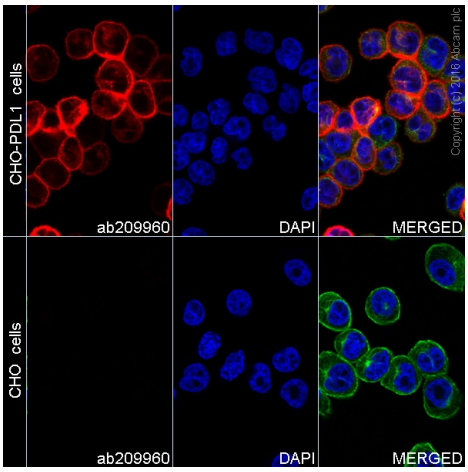
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		1/100.
ICC/IF		1/100. This product gave a positive signal in CHO-PDL1 cells fixed with 4% formaldehyde (10 min)

ターゲット情報

機能	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.
組織特異性	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.
配列類似性	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.
細胞内局在	Cell membrane and Endomembrane system.

画像

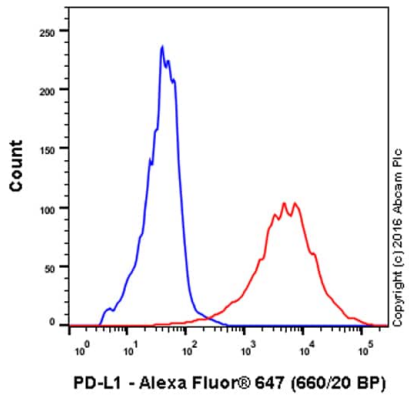


Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 647 Anti-PD-L1 antibody [28-8] - Extracellular domain (ab209960)

ab209960 staining PDL1 in CHO-PDL1 cells. The lower panels demonstrate that ab209960 does not cross react with un-transfected CHO cells.

The cells were fixed with 4% formaldehyde (10 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with ab209960 at 1/200 dilution (shown in red) and **ab195887**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 488), at 1/250 dilution (shown in green). Nuclear DNA was labeled with DAPI (shown in blue).

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

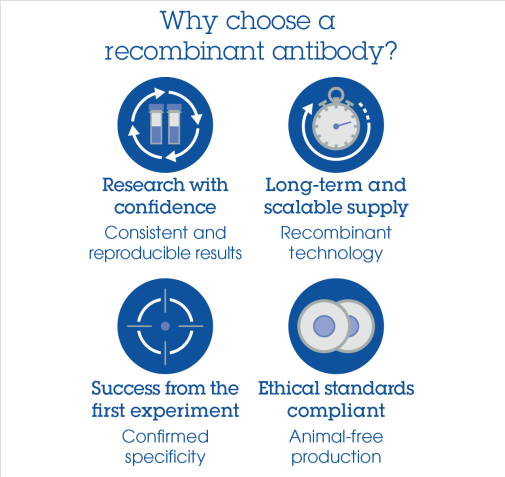


Flow Cytometry - Alexa Fluor® 647 Anti-PD-L1 antibody [28-8] - Extracellular domain (ab209960)

Overlay histgram showing CHO (blue line) and CHO-PD-L1 transfected (red line) cells stained with ab209960.

The cells were incubated in 1x PBS / 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (ab209960, 1/100 dilution) for 30 min at 4ºC.

Acquisition of >5,000 events were collected using a 17mW red Helium-Neon laser (633nm) and 660/20 bandpass filter.



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