

### Alexa Fluor® 488 Anti-PD-L1 antibody [28-8] ab209959

重组 RabMAb

★★★★★ [1 Abreviews](#) [4 References](#) [3 图像](#)

#### 概述

产品名称	Alexa Fluor® 488荧光Anti-PD-L1抗体[28-8]
描述	Alexa Fluor® 488荧光兔单克隆抗体[28-8] to PD-L1
宿主	Rabbit
偶联物	Alexa Fluor® 488. Ex: 495nm, Em: 519nm
经测试应用	适用于: Flow Cyt, ICC/IF
种属反应性	与反应: Human
免疫原	Fusion protein. This information is proprietary to Abcam and/or its suppliers.
阳性对照	ICC/IF: PDL1 transfected CHO cells. Flow Cyt: PDL1 transfected CHO cells.
常规说明	<p>Anti-PD-L1 antibody [28-8] has been used as detector antibody in <b>Human PD-L1 SimpleStep ELISA® kit (ab214565)</b>.</p> <p><b>Additional information on positive controls:</b></p> <p><u>Cell Lines:</u></p> <p>Positives: B-CPAP- high, ES-2- medium, HCC70 - low</p> <p><b>For primary negative control, isotype control, RabMAb negative control antibody (ab172730)</b> is recommended.</p> <p><b>For negative control sample</b>, cell line COLO205 is recommended.</p> <p><b>For PD-L1 protein</b>, see <a href="#">ab167713</a>.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb® patents</a>.</p> <p>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</p>

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## 性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 1% BSA, 30% Glycerol (glycerin, glycerine), PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	28-8
同种型	IgG

## 应用

**The Abpromise guarantee** Abpromise™ 承诺保证使用ab209959于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt	★★★★★ (1)	1/50.
ICC/IF		1/100. This product gave a positive signal in PDL1 transfected CHO cells fixed with 4% formaldehyde (10 min)

## 靶标

功能	Involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PD1-independent manner. Interaction with PD1 inhibits T-cell proliferation and cytokine production.
组织特异性	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.
序列相似性	Belongs to the immunoglobulin superfamily. BTN/MOG family.

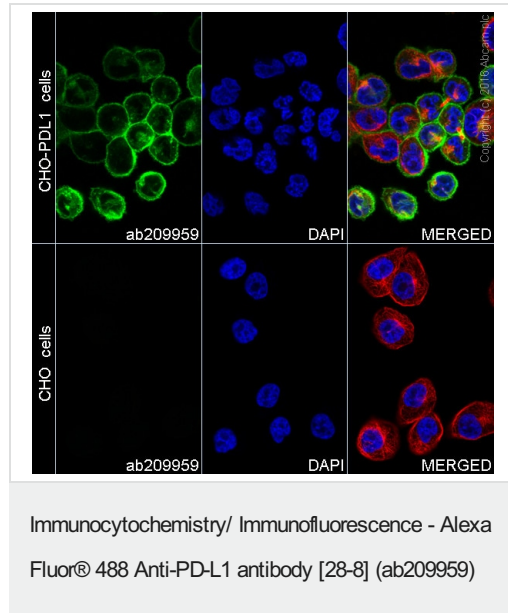
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

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

## 细胞定位

Cell membrane and Endomembrane system.

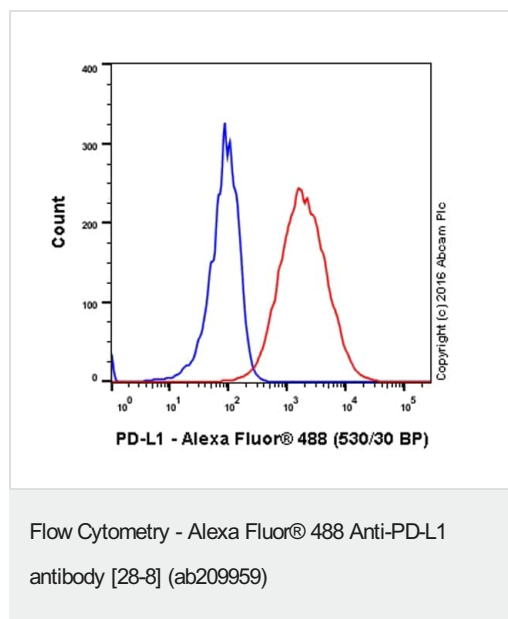
## 图片



Ab209959 staining PDL1 in CHO-PDL1 cells. The lower panels demonstrate that ab209959 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 ab209959 at a 1/100 dilution (shown in green) and **ab195889**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 594), at a 1/250 dilution (shown in red). Nuclear DNA was labelled with DAPI (shown in blue).

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



Overlay histogram showing CHO (blue line) and PDL1 transfected CHO (red line) cells stained with ab209959.

The cells were incubated in 1x PBS / 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (ab209959, 1/50 dilution) for 30 min at 4°C.

Acquisition of >5,000 events were collected using a 20mW solid-state laser (488nm) and 530/30 bandpass filter.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Alexa Fluor® 488 Anti-PD-L1 antibody [28-8]  
(ab209959)

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

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- Response to your inquiry within 24 hours
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