

FITC Anti-PD-L1 antibody [28-8] ab224027

重组 RabMAb

1 References **3 图像**

概述

产品名称	FITC荧光Anti-PD-L1抗体[28-8]
描述	FITC荧光兔单克隆抗体[28-8] to PD-L1
宿主	Rabbit
偶联物	FITC. Ex: 493nm, Em: 528nm
经测试应用	适用于: ICC/IF, Flow Cyt
种属反应性	与反应: Human 不与反应: Chinese hamster
免疫原	Fusion protein. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Flow Cyt: CHO-PDL1 cells. ICC/IF: CHO-PDL1 cells
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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 long term. Avoid freeze / thaw cycle. Store In the Dark.
存储溶液	Preservative: 0.02% Sodium azide Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, 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 ab224027 于以下的经测试应用

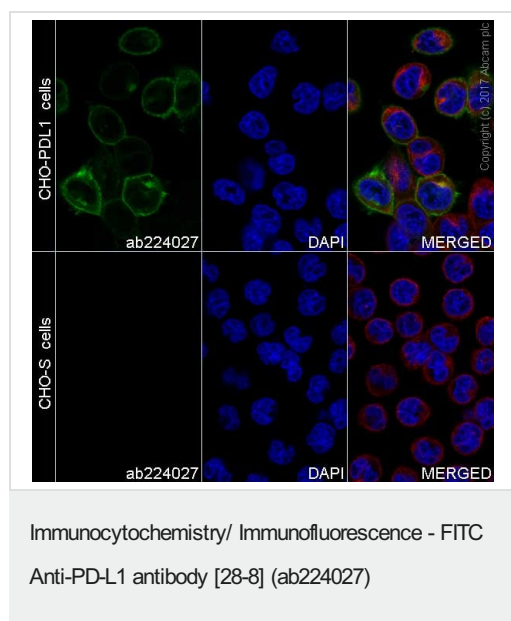
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/100. This product gave a positive signal in CHO-PDL1 cells fixed with 4% formaldehyde (10 min)
Flow Cyt		1/500.

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/BOG 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.

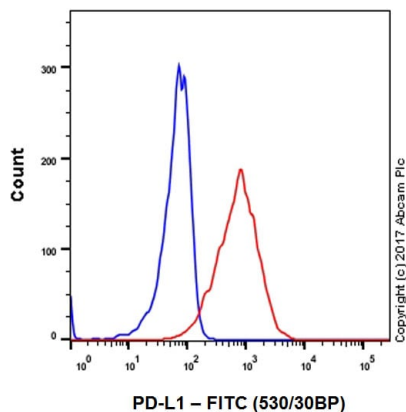
图片



ab224027 staining PDL1 in CHO-PDL1 cells. The lower panels demonstrate that ab224027 does not cross react with un-transfected CHO-S 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 ab224027 at 1/100 dilution (shown in green) and **ab195889**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 594), at 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).



Flow Cytometry - FITC Anti-PD-L1 antibody [28-8]
(ab224027)

Overlay histogram showing CHO-S (blue line) and CHO-PD-L1 transfected (red line) cells stained with ab224027.

The cells were incubated in 1x PBS / 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (ab224027, 1/500 dilution) for 30 min at 22°C.

Acquisition of >5,000 events were collected using a 20 mW 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

FITC Anti-PD-L1 antibody [28-8] (ab224027)

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

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