

Anti-Plastin L antibody [EPR4278] ab109129

重组 RabMAb

2 References 4 图像

概述

产品名称	Anti-Plastin L抗体[EPR4278]
描述	兔单克隆抗体[EPR4278] to Plastin L
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, Flow Cyt (Intra)
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: THP-1, Jurkat, and K562 cell lysates, IHC-P: Human tonsil tissue; Flow Cyt (intra): MDA-MB-435S cells
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆

克隆编号 EPR4278

同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab109129于以下的经测试应用

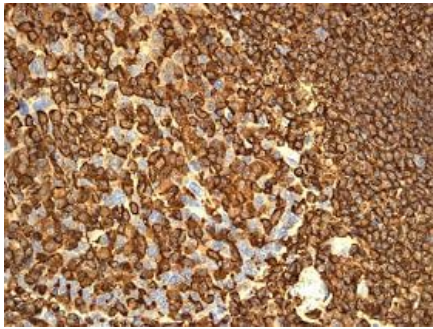
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/10000 - 1/50000. Detects a band of approximately 70 kDa (predicted molecular weight: 70 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt (Intra)		1/1000.

靶标

功能	Actin-binding protein. Plays a role in the activation of T-cells in response to costimulation through TCR/CD3 and CD2 or CD28. Modulates the cell surface expression of IL2RA/CD25 and CD69.
组织特异性	Detected in intestinal microvilli, hair cell stereocilia, and fibroblast filopodia, in spleen and other lymph node-containing organs. Expressed in peripheral blood T lymphocytes, neutrophils, monocytes, B lymphocytes, and myeloid cells.
序列相似性	Contains 2 actin-binding domains. Contains 4 CH (calponin-homology) domains. Contains 2 EF-hand domains.
翻译后修饰	Phosphorylated on a serine residue in response to costimulation through TCR/CD3 and CD2 or CD28. Serine phosphorylation promotes association with the actin cytoskeleton and targeting to peripheral cell projections. The N-terminus is blocked.
细胞定位	Cytoplasm > cytoskeleton. Cell junction. Cell projection. Cell projection > ruffle membrane. Relocalizes to the immunological synapse between peripheral blood T lymphocytes and antibody-presenting cells in response to costimulation through TCR/CD3 and CD2 or CD28. Associated with the actin cytoskeleton at membrane ruffles (By similarity). Relocalizes to actin-rich cell projections upon serine phosphorylation.

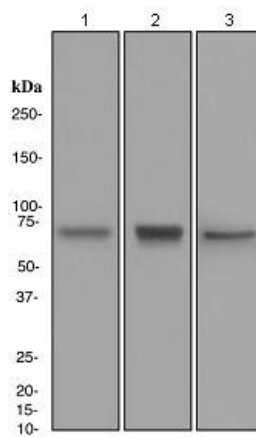
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Plastin L antibody [EPR4278] (ab109129)

Immunohistochemical staining of paraffin-embedded Human tonsil tissue using ab109129 at a dilution of 1/250.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-Plastin L antibody [EPR4278] (ab109129)

All lanes : Anti-Plastin L antibody [EPR4278] (ab109129) at 1/10000 dilution

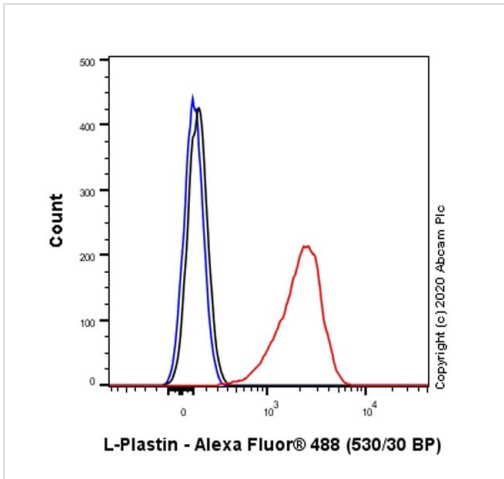
Lane 1 : THP-1 cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : K562 cell lysate

Lysates/proteins at 10 µg per lane.


Predicted band size: 70 kDa



Flow Cytometry analysis of MDA-MB-435S (Human mammary gland ductal carcinoma melanocyte) cells labeling Plastin L with purified ab109129 at 1/1000 dilution (1 µg/mL) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).

Flow Cytometry (Intracellular) - Anti-Plastin L antibody [EPR4278] (ab109129)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-Plastin L antibody [EPR4278] (ab109129)

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