


Anti-Plastin L antibody [EPR4277] ab109124

リコンビナント **RabMAb**

[1 Abreviews](#) [3 References](#) [画像数 3](#)

製品の概要

製品名	Anti-Plastin L antibody [EPR4277]
製品の詳細	Rabbit monoclonal [EPR4277] to Plastin L
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P 適用なし: Flow Cyt or IP
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	THP1, K562 and Jurkat whole cell lysate (ab7899); Human tonsil tissue
特記事項	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 .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR4277

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ab109124の使用に適用されず**
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
WB		1/1000 - 1/10000. Predicted molecular weight: 70 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. (Heat to 98°C allow to cool for 10-20 min).

追加情報

Is unsuitable for Flow Cyt or IP.

ターゲット情報

機能

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.

組織特異性

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.

配列類似性

Contains 2 actin-binding domains.
Contains 4 CH (calponin-homology) domains.
Contains 2 EF-hand domains.

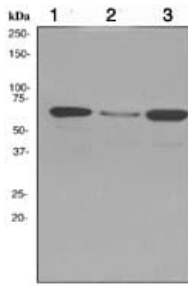
翻訳後修飾

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.

細胞内局在

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.

画像



Western blot - Anti-Plastin L antibody [EPR4277] (ab109124)

All lanes : Anti-Plastin L antibody [EPR4277] (ab109124) at 1/1000 dilution

Lane 1 : THP1 cell lysates

Lane 2 : K562 cell lysates

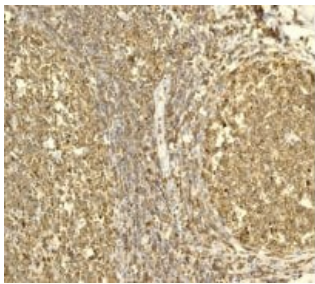
Lane 3 : Jurkat cell lysates

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled Goat anti-Rabbit at 1/2000 dilution

Predicted band size: 70 kDa







Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Plastin L antibody [EPR4277] (ab109124)

ab109124, at 1/100 dilution staining Plastin L in paraffin-embedded Human tonsil tissue, by Immunohistochemistry.

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

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

Anti-Plastin L antibody [EPR4277] (ab109124)

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