

Anti-CBL (phospho Y774) antibody [E160] ab32446

リコンビナント **RabMAb**

3 References **画像数 4**

製品の概要

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| 製品名 | Anti-CBL (phospho Y774) antibody [E160] |
| 製品の詳細 | Rabbit monoclonal [E160] to CBL (phospho Y774) |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: Flow Cyt (Intra), WB, IHC-P |
| 種交差性 | 交差種: Human |
| 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 | Jurkat whole cell lysate (ab7899) and human cervical carcinoma tissue. |
| 特記事項 | <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> |

製品の特性

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|--------|---|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| バッファー | <p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA</p> |
| 精製度 | Protein A purified |
| ポリ/モノ | モノクローナル |
| クローン名 | E160 |
| アイソタイプ | IgG |

アプリケーション

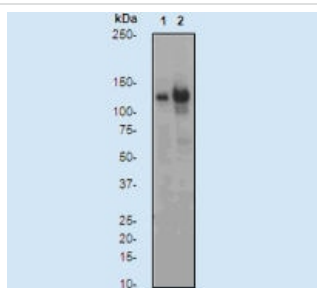
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab32446の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

| アプリケーション | Abreviews | 特記事項 |
|------------------|-----------|---|
| Flow Cyt (Intra) | | 1/20. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody. |
| WB | | 1/1000. Detects a band of approximately 120 kDa (predicted molecular weight: 99 kDa). |
| IHC-P | | Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |

ターゲット情報

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|-------|--|
| 機能 | Participates in signal transduction in hematopoietic cells. Adapter protein that functions as a negative regulator of many signaling pathways that start from receptors at the cell surface. Acts as an E3 ubiquitin-protein ligase, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their degradation by the proteasome. Recognizes activated receptor tyrosine kinases, including PDGFA, EGF and CSF1, and terminates signaling. |
| パスウェイ | Protein modification; protein ubiquitination. |
| 関連疾患 | Defects in CBL are the cause of Noonan syndrome-like disorder (NSL) [MIM:613563]. NSL is a syndrome characterized by a phenotype reminiscent of Noonan syndrome. Clinical features are highly variable, including facial dysmorphism, short neck, developmental delay, hyperextensible joints and thorax abnormalities with widely spaced nipples. The facial features consist of triangular face with hypertelorism, large low-set ears, ptosis, and flat nasal bridge. Some patients manifest cardiac defects. |
| 配列類似性 | Contains 1 Cbl-PTB (Cbl-type phosphotyrosine-binding) domain. Contains 1 RING-type zinc finger. Contains 1 UBA domain. |
| ドメイン | The RING-type zinc finger domain mediates binding to an E2 ubiquitin-conjugating enzyme. The N-terminus is composed of the phosphotyrosine binding (PTB) domain, a short linker region and the RING-type zinc finger. The PTB domain, which is also called TKB (tyrosine kinase binding) domain, is composed of three different subdomains: a four-helix bundle (4H), a calcium-binding EF hand and a divergent SH2 domain. |
| 翻訳後修飾 | Phosphorylated on tyrosine residues by EGFR, SYK, FYN and ZAP70 (By similarity). Phosphorylated on tyrosine residues by INSR. |
| 細胞内局在 | Cytoplasm. |

画像



Western blot - Anti-CBL (phospho Y774) antibody [E160] (ab32446)

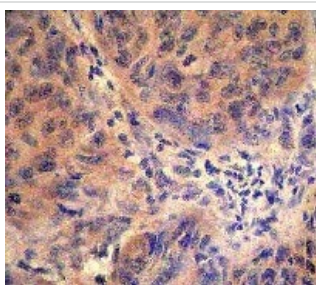
All lanes : Anti-CBL (phospho Y774) antibody [E160] (ab32446) at 1/1000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : Jurkat cell lysate + Pervanadate

Predicted band size: 99 kDa

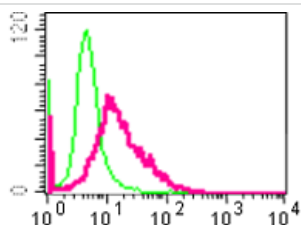
Observed band size: 120 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CBL (phospho Y774) antibody [E160] (ab32446)

Immunohistochemical analysis of human cervical carcinoma using ab32446 at 1/25 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-CBL (phospho Y774) antibody [E160] (ab32446)

Intracellular flow cytometric analysis of permeabilized Jurkat cells, untreated (green) or Pervanadate-treated (red), using ab32446 at 1/20 dilution.

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-CBL (phospho Y774) antibody [E160] (ab32446)

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