

# Anti-CBL (phospho Y674) antibody [EPR2227] ab76536

リコンビナント RabMAb

## 2 References [画像数 3](#)

### 製品の概要

製品名	Anti-CBL (phospho Y674) antibody [EPR2227]
製品の詳細	Rabbit monoclonal [EPR2227] to CBL (phospho Y674)
由来種	Rabbit
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), WB <b>適用なし:</b> IHC-P or IP
種交差性	<b>交差種:</b> 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 cell lysate treated with pervanadate. Permeabilized Jurkat cells.
特記事項	<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<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</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

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	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                   EPR2227  
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ab76536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検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/20. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000. Predicted molecular weight: 100 kDa.

**追加情報**                         Is unsuitable for IHC-P or IP.

#### ターゲット情報

**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.

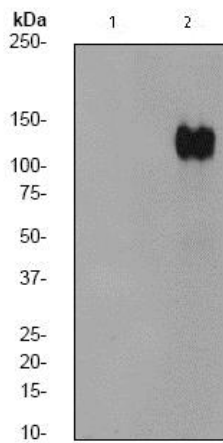
**配列類似性**                         Contains 1 Cbl-PTB (Cbl-type phosphotyrosine-binding) domain.  
Contains 1 RING-type zinc finger.  
Contains 1 UBA domain.

**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 Y674) antibody [EPR2227] (ab76536)

**All lanes :** Anti-CBL (phospho Y674) antibody [EPR2227] (ab76536) at 1/1000 dilution

**Lane 1 :** Jurkat cell lysate

**Lane 2 :** Jurkat cell lysate treated with pervanadate

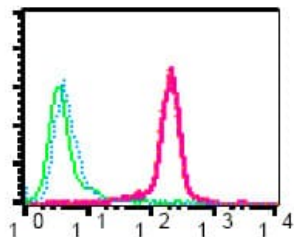
Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes :** HRP labelled goat anti-rabbit at 1/1000 dilution

**Predicted band size:** 100 kDa

**Observed band size:** 120 kDa



Flow Cytometry (Intracellular) - Anti-CBL (phospho Y674) antibody [EPR2227] (ab76536)

Intracellular flow cytometric analysis of permeabilized Jurkat cells, un-treated (green) or pervanadate treated (red) using ab76536 at a 1/20 dilution, and pervanadate-treated Jurkat cells using the same antibody pre-incubated with phospho-CBL peptide (blue) or non-phospho-CBL peptide (orange).

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 Y674) antibody [EPR2227] (ab76536)

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

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