

# Anti-c-Myb (phospho S11) antibody [EP769Y] ab45150

リコンビナント RabMAb<sup>®</sup>

★★★★☆ **1 Abreviews** **57 References** 画像数 10

### 製品の概要

製品名	Anti-c-Myb (phospho S11) antibody [EP769Y]
製品の詳細	Rabbit monoclonal [EP769Y] to c-Myb (phospho S11)
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P, IP, Dot blot <b>適用なし:</b> Flow Cyt
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	WB: Ramos, Molt-4, and HL-60 cell lysate. HeLa cell lysate untreated and treated with lambda phosphatase. IHC-P: Human cervical carcinoma tissue. IP: MOLT-4.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EP769Y
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ab45150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。

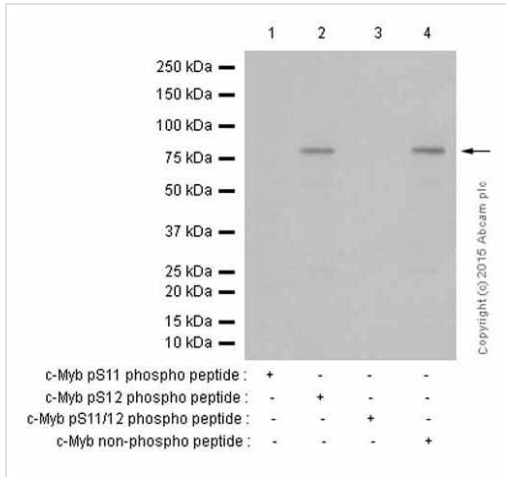
アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/1000 - 1/5000. Predicted molecular weight: 72 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		1/50.
Dot blot		1/1000.

**追加情報** Is unsuitable for Flow Cyt.

## ターゲット情報

<b>機能</b>	Transcriptional activator; DNA-binding protein that specifically recognize the sequence 5'-YAAC[GT]G-3'. Plays an important role in the control of proliferation and differentiation of hematopoietic progenitor cells.
<b>配列類似性</b>	Contains 3 HTH myb-type DNA-binding domains.
<b>ドメイン</b>	Comprised of 3 domains; an N-terminal DNA-binding domain, a centrally located transcriptional activation domain and a C-terminal domain involved in transcriptional repression.
<b>翻訳後修飾</b>	Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation. Phosphorylated by NLK on multiple sites, which induces proteasomal degradation.
<b>細胞内局在</b>	Nucleus.

## 画像



Western blot - Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150)

**All lanes :** Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150) at 1/2000 dilution (purified)

**Lane 1 :** Molt-4 (Human lymphoblastic leukemia cell line) cell lysate with c-Myb (phospho S11) peptide

**Lane 2 :** Molt-4 cell lysate with c-Myb (phospho S12) peptide

**Lane 3 :** Molt-4 cell lysate with c-Myb (phospho S11/12) peptide

**Lane 4 :** Molt-4 cell lysate with c-Myb unmodified peptide

Lysates/proteins at 10 µg per lane.

### Secondary

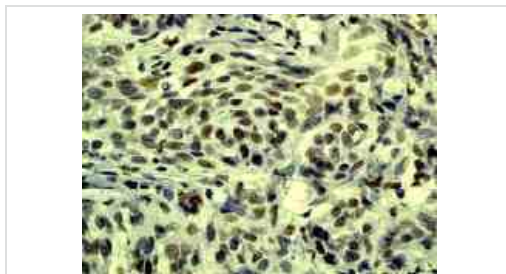
**All lanes :** HRP goat anti-rabbit IgG (H+L) at 1/2000 dilution

**Predicted band size:** 72 kDa

**Observed band size:** 77 kDa

**Exposure time:** 30 seconds

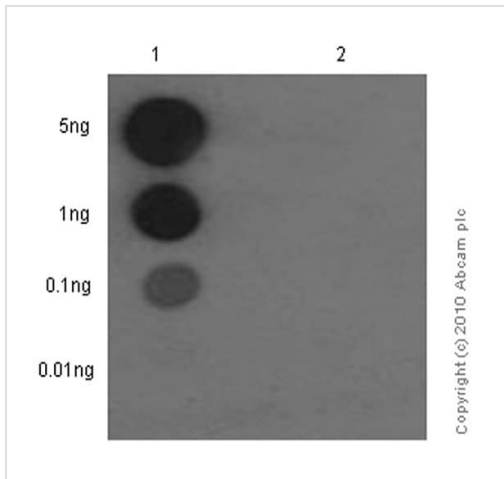
**Blocking/Dilution buffer:** 5% NFD/MTBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150)

Immunohistochemical analysis of paraffin-embedded human cervical carcinoma tissue staining c-Myb with unpurified ab45150.

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

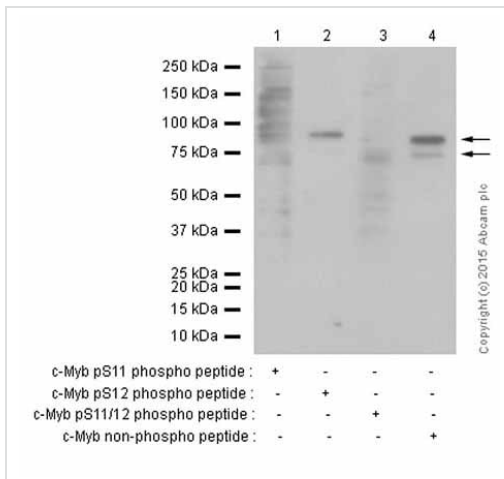


Dot Blot - Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150)

Dot blot analysis of c-Myb (phospho S11/12) peptide (Lane 1) and c-Myb unmodified peptide (Lane 2) labeling c-Myb (phospho S11) with purified ab45150 at a dilution of 1/1000. **ab97051** (Peroxidase conjugated goat anti-rabbit IgG (H+L)) was used as the secondary antibody at a dilution of 1/2500.

**Blocking and dilution buffer:** 5% NFDm/TBST.

**Exposure time:** 3 minutes.



Western blot - Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150)

**All lanes :** Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150) at 1/2000 dilution (purified)

**Lane 1 :** HeLa (Human epithelial cell line from cervix adenocarcinoma) cell lysate with c-Myc (phospho S11) peptide

**Lane 2 :** HeLa cell lysate with c-Myc (phospho S12) peptide

**Lane 3 :** HeLa cell lysate with c-Myc (phospho S11/12) peptide

**Lane 4 :** HeLa cell lysate with c-Myc unmodified peptide

Lysates/proteins at 10 µg per lane.

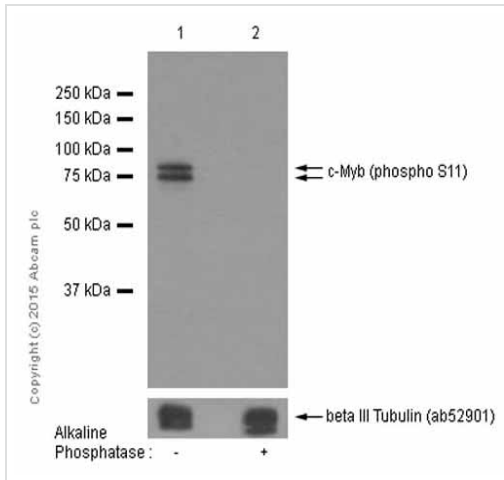
**Secondary**

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution (HRP goat anti-rabbit IgG (H+L))

**Predicted band size:** 72 kDa

**Observed band size:** 75,77 kDa

**Blocking/Dilution buffer:** 5% NFDm/TBST.



Western blot - Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150)

**All lanes** : Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150) at 1/5000 dilution (purified)

**Lane 1** : Untreated Ramos (Human Burkitt's lymphoma cell line) cell lysate

**Lane 2** : Ramos cell lysate, membrane treated with alkaline phosphatase

Lysates/proteins at 10 µg per lane.

### Secondary

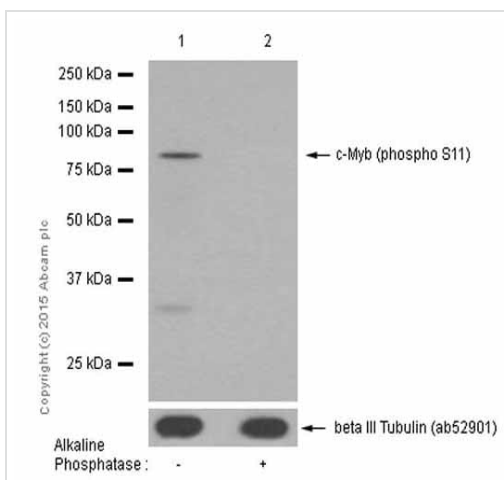
**All lanes** : HRP goat anti-rabbit IgG (H+L) at 1/2000 dilution

**Predicted band size:** 72 kDa

**Observed band size:** 75,77 kDa

**Exposure time:** 3 minutes

**Blocking/Dilution buffer:** 5% NFDm/TBST.



Western blot - Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150)

**All lanes** : Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150) at 1/5000 dilution (purified)

**Lane 1** : Untreated HL-60 (Human promyelocytic leukemia cell line) cell lysate

**Lane 2** : HL-60 cell lysate, membrane treated with alkaline phosphatase

Lysates/proteins at 10 µg per lane.

### Secondary

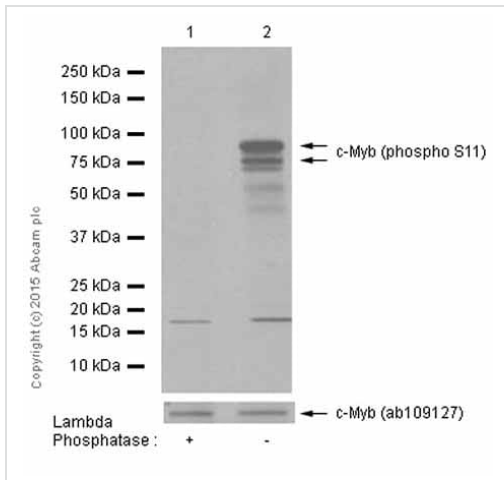
**All lanes** : HRP goat anti-rabbit IgG (H+L) at 1/2000 dilution

**Predicted band size:** 72 kDa

**Observed band size:** 77 kDa

**Exposure time:** 3 minutes

**Blocking/Dilution buffer:** 5% NFDM/TBST.



Western blot - Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150)

**All lanes :** Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150) at 1/2000 dilution (purified)

**Lane 1 :** HeLa cell lysate, the membrane treated with lambda phosphatase

**Lane 2 :** Untreated HeLa (Human epithelial cell line from cervix adenocarcinoma) cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

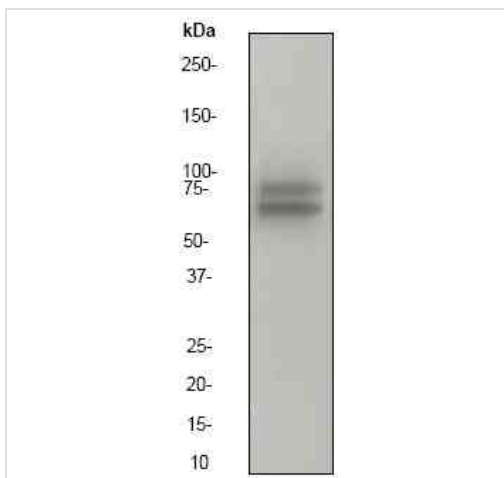
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/5000 dilution (HRP goat anti-rabbit IgG (H+L))

**Predicted band size:** 72 kDa

**Observed band size:** 75,77 kDa

**Exposure time:** 30 seconds

**Blocking/Dilution buffer:** 5% NFDM/TBST.

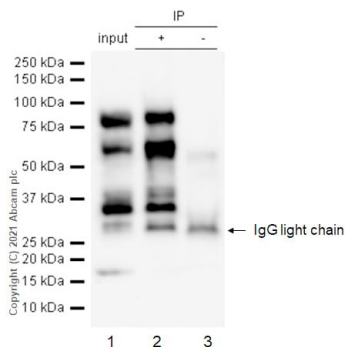


Western blot - Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150)

Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150) at 1/10000 dilution (unpurified) + Ramos (Human Burkitt's lymphoma cell line) membrane lysate

**Predicted band size:** 72 kDa

**Observed band size:** 72,75 kDa



Immunoprecipitation - Anti-c-Myb (phospho S11) antibody [EP769Y] (ab45150)

c-Myb was immunoprecipitated from 0.35 mg MOLT-4 (Human lymphoblastic leukemia T lymphoblast) whole cell lysate 10 µg with ab45150 at 1/120 dilution (2µg). VeriBlot for IP Detection Reagent (HRP)(**ab131366**) was used at 1/5000 dilution.

**Lane 1:** MOLT-4 (Human lymphoblastic leukemia T lymphoblast) whole cell lysate 10 µg

**Lane 2:** ab45150 IP in MOLT-4 whole cell lysate

**Lane 3:** Rabbit monoclonal IgG (**ab172730**) instead of ab45150 in MOLT-4 whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Fresh lysate should be used to minimize protein degradation. Multi-bands should be c-myb isoforms based on immunogen design and Uniprot database.

### 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-c-Myb (phospho S11) antibody [EP769Y] (ab45150)

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

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