

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

**重组** RabMAb

★★★★★ **1 Abreviews** **57 References** **10 图像**

#### 概述

产品名称	Anti-c-Myb (phospho S11)抗体[EP769Y]
描述	兔单克隆抗体[EP769Y] to c-Myb (phospho S11)
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, IHC-P, IP, Dot blot <b>不适用于:</b> Flow Cyt
种属反应性	<b>与反应:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	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.
常规说明	<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>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified

克隆	单克隆
克隆编号	EP769Y
同种型	IgG

应用

The Abpromise guarantee

**Abpromise™**承诺保证使用ab45150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)	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.

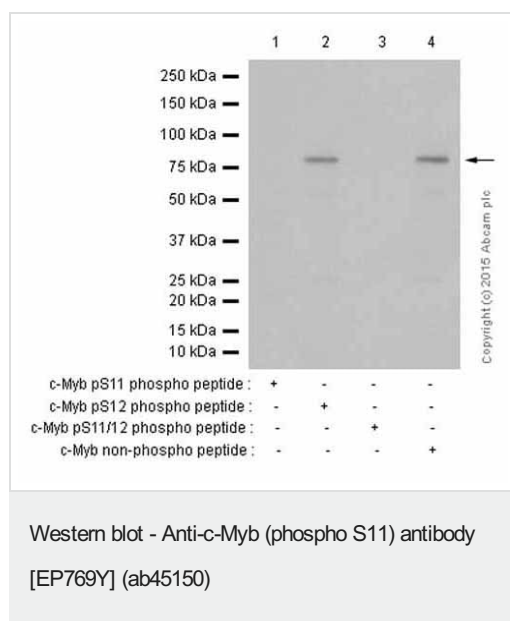
应用说明

Is unsuitable for Flow Cyt.

靶标

功能	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.
序列相似性	Contains 3 HTH myb-type DNA-binding domains.
结构域	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.
翻译后修饰	Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation. Phosphorylated by NLK on multiple sites, which induces proteasomal degradation.
细胞定位	Nucleus.

图片



**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

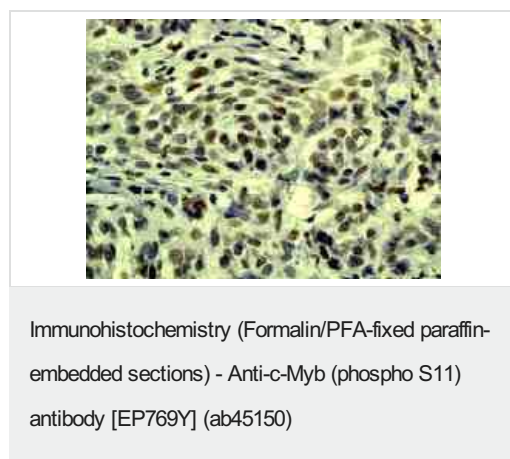
**All lanes :** HRP goat anti-rabbit IgG (H+L) at 1/2000 dilution

**Predicted band size:** 72 kDa

**Observed band size:** 77 kDa

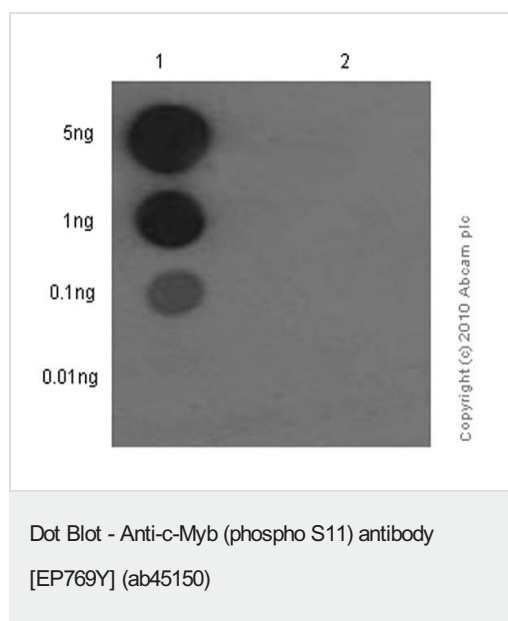
**Exposure time:** 30 seconds

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



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

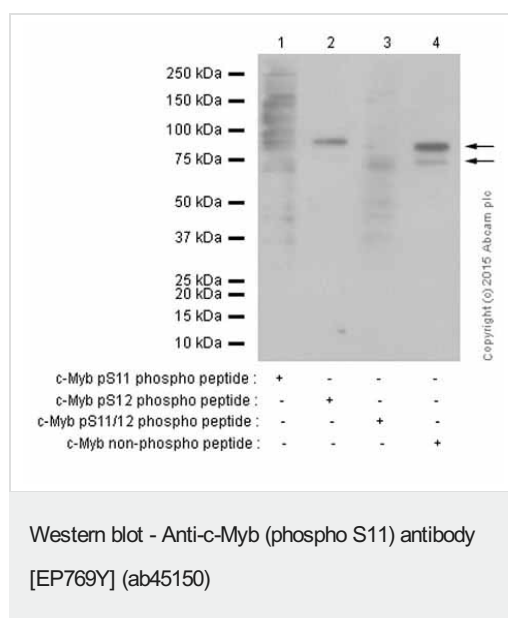
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Dot blot 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.



**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.

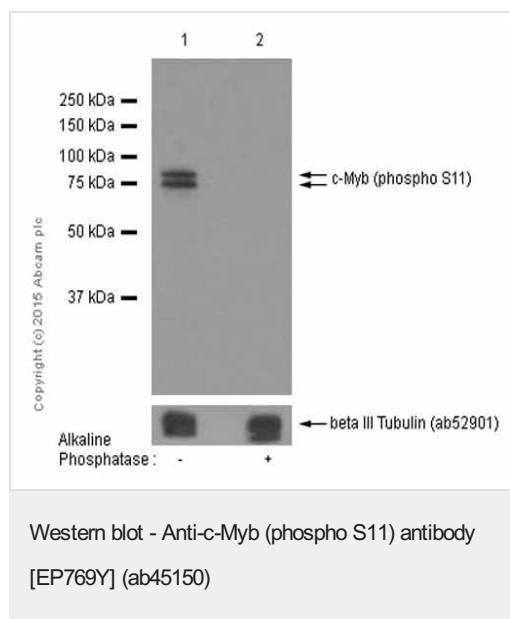
## Secondary

**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.



**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

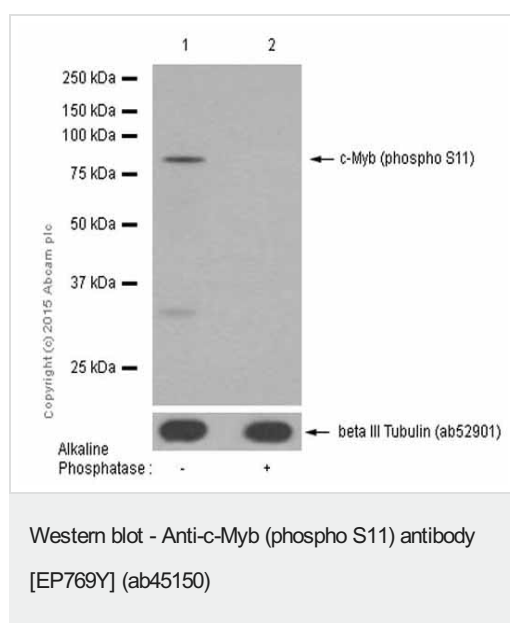
**All lanes :** HRP goat anti-rabbit IgG (H+L) at 1/2000 dilution

**Predicted band size:** 72 kDa

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

**Exposure time:** 3 minutes

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



**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

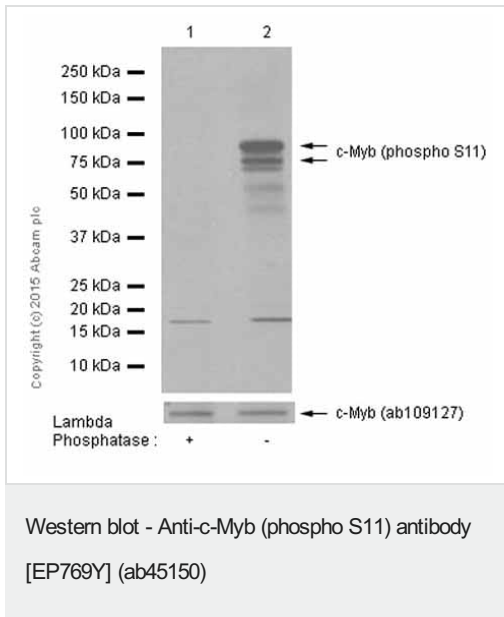
**All lanes :** HRP goat anti-rabbit IgG (H+L) at 1/2000 dilution

**Predicted band size:** 72 kDa

**Observed band size:** 77 kDa

**Exposure time:** 3 minutes

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



**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

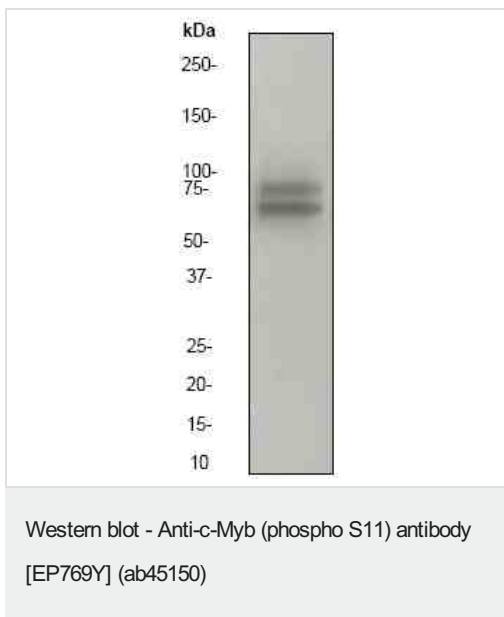
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/5000 dilution (HRP goat anti-rabbit IgG (H+L))

**Predicted band size:** 72 kDa

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

**Exposure time:** 30 seconds

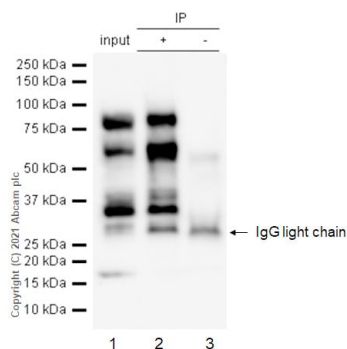
**Blocking/Dilution buffer:** 5% NFDM/TBST.



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

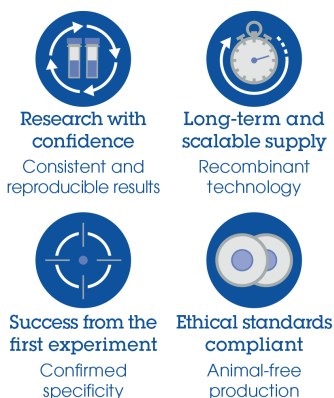
**Lane 2:** ab45150 IP in MOLT-4 whole cell lysate

**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?



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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