

Product datasheet

Anti-v-Myb + c-Myb (phospho S11) antibody [EP769Y] - ChIP Grade ab45150

RabMAb

★★★★☆ 1 Abreviews 12 References 8 Images

Overview

Product name	Anti-v-Myb + c-Myb (phospho S11) antibody [EP769Y] - ChIP Grade
Description	Rabbit monoclonal [EP769Y] to v-Myb + c-Myb (phospho S11) - ChIP Grade
Tested applications	Suitable for: WB, IHC-P, ICC/IF, IP, ChIP Unsuitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to residues near the N-terminus of human c-Myb.
Positive control	IHC-P: human cervical carcinoma tissue.
General notes	<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> <p>Produced using Abcam's RabMAb[®] technology. RabMAb[®] technology is covered by the following U.S. Patents, No. 5, 675, 063 and/or 7, 429, 487.</p> <p>We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.</p> <p>This product is a recombinant rabbit monoclonal antibody.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EP769Y
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab45150** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★☆	1/1000 - 1/5000. Predicted molecular weight: 72 kDa.
IHC-P		Use at an assay dependent concentration.
ICC/IF		1/100 - 1/250.
IP		1/50.
ChIP		Use at an assay dependent concentration. PubMed: 21296997

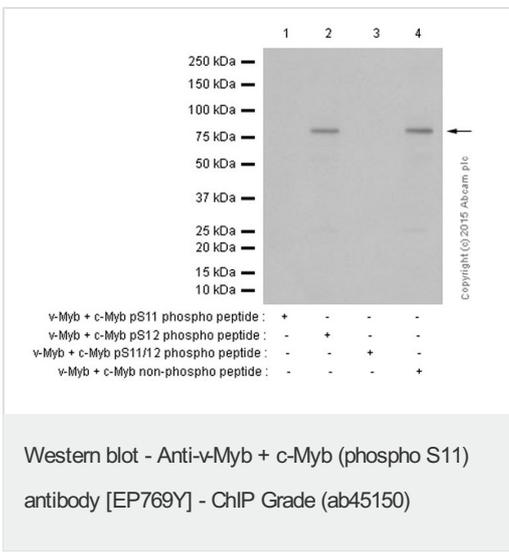
Application notes Is unsuitable for Flow Cyt.

Target

Relevance 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. Myb is a transcription factor related to Myc, and is expressed primarily in haematopoietic cells and immature gastroepithelial cells.

Cellular localization Nuclear

Anti-v-Myb + c-Myb (phospho S11) antibody [EP769Y] - ChIP Grade images



Western blot - Anti-v-Myb + c-Myb (phospho S11) antibody [EP769Y] - ChIP Grade (ab45150)

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

Lane 1 : Molt-4 cell lysate with v-Myb + c-Myb (phospho S11) peptide

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

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

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

Lysates/proteins at 10 µg per lane.

Secondary

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

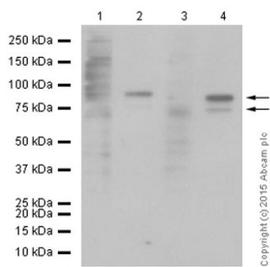
Predicted band size : 72 kDa

Observed band size : 77 kDa

Exposure time : 30 seconds

Blocking buffer: 5% NFDm/TBST

Dilution buffer: 5% NFDm/TBST



v-Myb + c-Myb pS11 phospho peptide :	+	-	-	-
v-Myb + c-Myb pS12 phospho peptide :	-	+	-	-
v-Myb + c-Myb pS11/12 phospho peptide :	-	-	+	-
v-Myb + c-Myb non-phospho peptide :	-	-	-	+

Western blot - Anti-v-Myb + c-Myb (phospho S11)
antibody [EP769Y] - ChIP Grade (ab45150)

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

Lane 1 : HeLa cell lysate with v-Myb + c-Myc
(phospho S11) peptide

Lane 2 : HeLa cell lysate with v-Myb + c-Myc
(phospho S12) peptide

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

Lane 4 : HeLa cell lysate with v-Myb + c-Myc
unmodified peptide

Lysates/proteins at 10 µg per lane.

Secondary

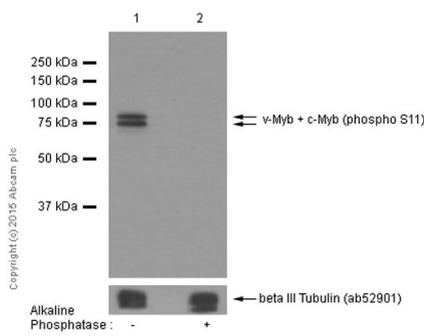
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at
1/20000 dilution (HRP goat anti-rabbit IgG
(H+L))

Predicted band size : 72 kDa

Observed band size : 75,77 kDa

Blocking buffer: 5% NFDm/TBST

Dilution buffer: 5% NFDm/TBST



Western blot - Anti-v-Myb + c-Myb (phospho S11) antibody [EP769Y] - ChIP Grade (ab45150)

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

Lane 1 : Untreated Ramos cell lysate

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

Lysates/proteins at 10 µg per lane.

Secondary

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

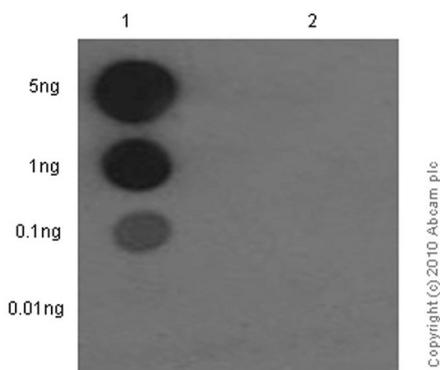
Predicted band size : 72 kDa

Observed band size : 75,77 kDa

Exposure time : 3 minutes

Blocking buffer: 5% NFDm/TBST

Dilution buffer: 5% NFDm/TBST

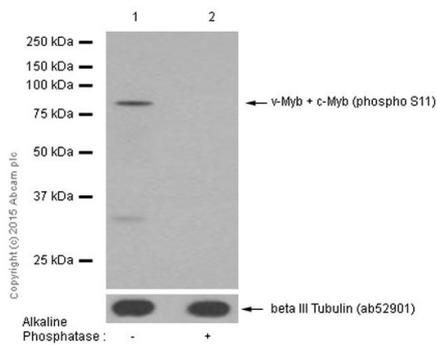


Dot Blot - Anti-v-Myb + c-Myb (phospho S11) antibody [EP769Y] - ChIP Grade (ab45150)

Dot blot analysis of v-Myb + c-Myb (phospho S11/12) peptide (Lane 1) and v-Myb + c-Myb unmodified peptide (Lane 2) labelling v-Myb + 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-v-Myb + c-Myb (phospho S11) antibody [EP769Y] - ChIP Grade (ab45150)

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

Lane 1 : Untreated HL-60 cell lysate

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

Lysates/proteins at 10 µg per lane.

Secondary

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

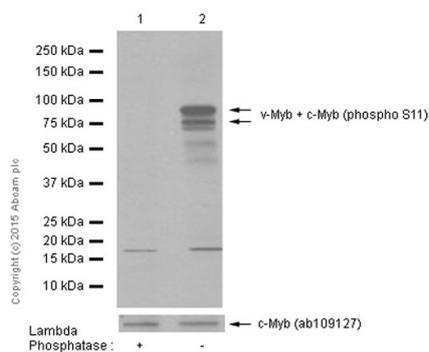
Predicted band size : 72 kDa

Observed band size : 77 kDa

Exposure time : 3 minutes

Blocking buffer: 5% NFDm/TBST

Dilution buffer: 5% NFDm/TBST



Western blot - Anti-v-Myb + c-Myb (phospho S11) antibody [EP769Y] - ChIP Grade (ab45150)

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

Lane 1 : untreated HeLa cell lysate

Lane 2 : HeLa cell lysate, the membrane treated with lambda phosphatase

Lysates/proteins at 10 µg per lane.

Secondary

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

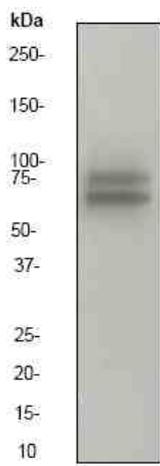
Predicted band size : 72 kDa

Observed band size : 75,77 kDa

Exposure time : 30 seconds

Blocking buffer: 5% NFDm/TBST

Dilution buffer: 5% NFDm/TBST

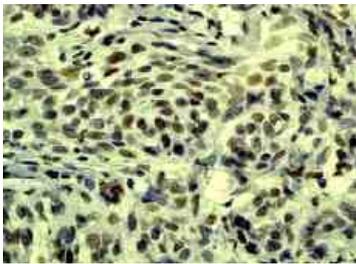


Western blot - v-Myb / c-Myb antibody [EP769Y] (ab45150)

Anti-v-Myb + c-Myb (phospho S11) antibody [EP769Y] - ChIP Grade (ab45150) at 1/10000 dilution (unpurified) + Ramos membrane

Predicted band size : 72 kDa

Observed band size : 72,75 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-v-Myb + c-Myb antibody [EP769Y] - ChIP Grade (ab45150)

Unpurified ab45150 staining human v-Myb / c-Myb in human cervical carcinoma by immunohistochemistry using paraffin embedded tissue.

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