


## Product datasheet

### Anti-SLP76 (phospho Y113) antibody [EPR2851] ab75990

Recombinant RabMAb

★★★★★ [1 Abreviews](#) [3 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-SLP76 (phospho Y113) antibody [EPR2851]
<b>Description</b>	Rabbit monoclonal [EPR2851] to SLP76 (phospho Y113)
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> ICC/IF, IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rabbit 
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	Jurkat cytoplasmic lysate treated with pervanadate.
<b>General notes</b>	<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>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
<b>Purity</b>	Protein A purified

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR2851
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab75990 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

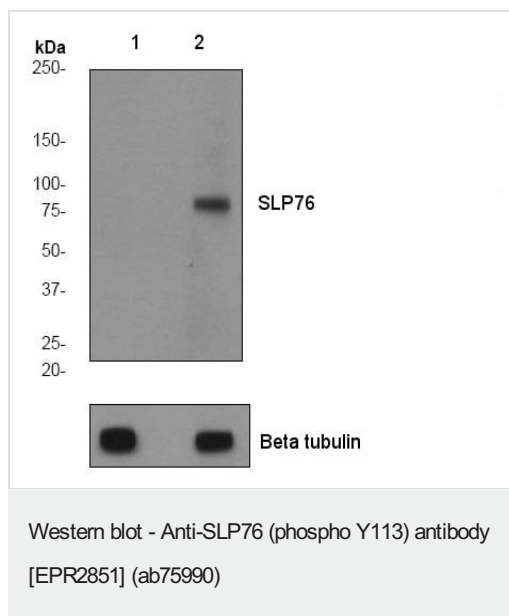
Application	Abreviews	Notes
WB	★★★★★ (1)	1/5000 - 1/10000. Detects a band of approximately 76 kDa (predicted molecular weight: 60 kDa).

**Application notes** Is unsuitable for ICC/IF, IHC-P or IP.

## Target

<b>Function</b>	Involved in T-cell antigen receptor mediated signaling.
<b>Tissue specificity</b>	Highly expressed in spleen, thymus and peripheral blood leukocytes. Highly expressed also in T-cell and monocytic cell lines, expressed at lower level in B-cell lines. Not detected in fibroblast or neuroblastoma cell lines.
<b>Sequence similarities</b>	Contains 1 SAM (sterile alpha motif) domain. Contains 1 SH2 domain.
<b>Domain</b>	The SH2 domain mediates interaction with SHB.
<b>Post-translational modifications</b>	Phosphorylated after T-cell receptor activation by ZAP-70.
<b>Cellular localization</b>	Cytoplasm.

## Images



**All lanes :** Anti-SLP76 (phospho Y113) antibody [EPR2851] (ab75990) at 1/10000 dilution

**Lane 1 :** Jurkat cell lysate - untreated

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

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 60 kDa

**Observed band size:** 76 kDa

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-SLP76 (phospho Y113) antibody [EPR2851] (ab75990)

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

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