

## Product datasheet

# Anti-SLP76 antibody [EPR2549(2)] $\alpha$ b109254

Recombinant **RabMAB**

[6 Images](#)

### Overview

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<b>Product name</b>	Anti-SLP76 antibody [EPR2549(2)]
<b>Description</b>	Rabbit monoclonal [EPR2549(2)] to SLP76
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC <b>Unsuitable for:</b> Flow Cyt or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide within Human SLP76 aa 500-600 (C terminal). The exact sequence is proprietary.
<b>Positive control</b>	MOLT4 or HuT78 cell lysates; Human tonsil tissue.
<b>General notes</b>	

Our RabMAB<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMab<sup>®</sup> patents](#)

This product is a recombinant rabbit monoclonal antibody.

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR2549(2)
<b>Isotype</b>	IgG

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab109254** 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 - 1/10000. Detects a band of approximately 76 kDa (predicted molecular weight: 60 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
ICC		1/100 - 1/250.

**Application notes** Is unsuitable for Flow Cyt or IP.

## Target

**Function** Involved in T-cell antigen receptor mediated signaling.

**Tissue specificity** 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.

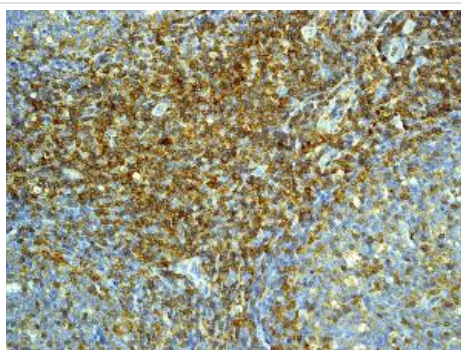
**Sequence similarities** Contains 1 SAM (sterile alpha motif) domain.  
Contains 1 SH2 domain.

**Domain** The SH2 domain mediates interaction with SHB.

**Post-translational modifications** Phosphorylated after T-cell receptor activation by ZAP-70.

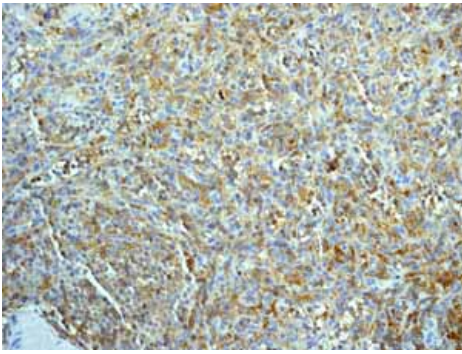
**Cellular localization** Cytoplasm.

## Images



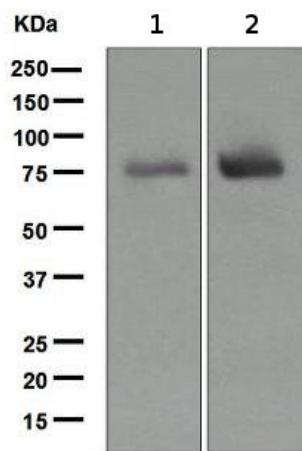
ab109254 at 1/100 dilution, staining SLP76 in Human tonsil, by Immunohistochemistry, Paraffin-embedded tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SLP76 antibody [EPR2549(2)] (ab109254)



ab109254 showing positive staining in Normal spleen tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SLP76 antibody [EPR2549(2)] (ab109254)



**All lanes :** Anti-SLP76 antibody [EPR2549(2)] (ab109254) at 1/1000 dilution

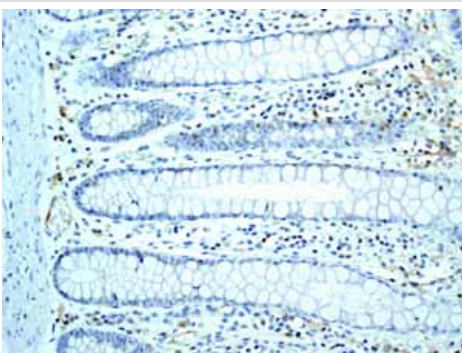
**Lane 1 :** HuT78 cell lysate

**Lane 2 :** MOLT4 cell lysate

Lysates/proteins at 10 µg per lane.

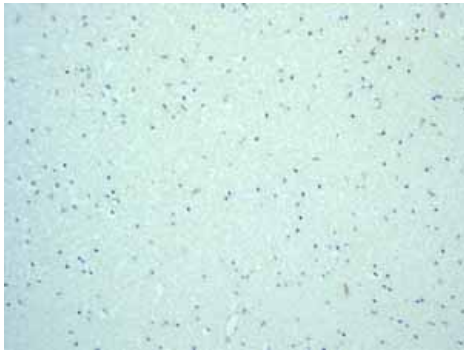
**Predicted band size:** 60 kDa

Western blot - Anti-SLP76 antibody [EPR2549(2)] (ab109254)



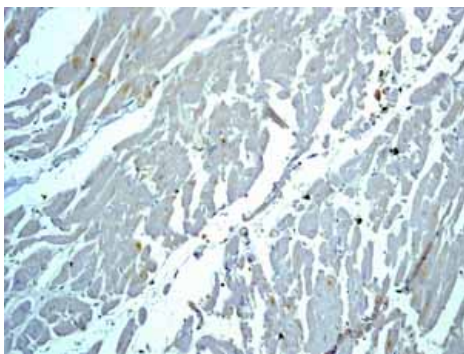
ab109254 showing positive staining in Normal colon tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SLP76 antibody [EPR2549(2)] (ab109254)



ab109254 showing negative staining in  
Normal brain tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-  
embedded sections) - Anti-SLP76 antibody  
[EPR2549(2)] (ab109254)



ab109254 showing negative staining in  
Normal heart tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-  
embedded sections) - Anti-SLP76 antibody  
[EPR2549(2)] (ab109254)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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