


Product datasheet

Anti-SLP76 antibody [EPR2549(2)] ab109254

Recombinant **RabMAb**

[1 References](#) [7 Images](#)

Overview

Product name	Anti-SLP76 antibody [EPR2549(2)]
Description	Rabbit monoclonal [EPR2549(2)] to SLP76
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: Flow Cyt or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	MOLT4 or HuT78 cell lysates; Human tonsil tissue.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR2549(2)

Isotype

IgG

Applications

The Abpromise guarantee

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.

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.

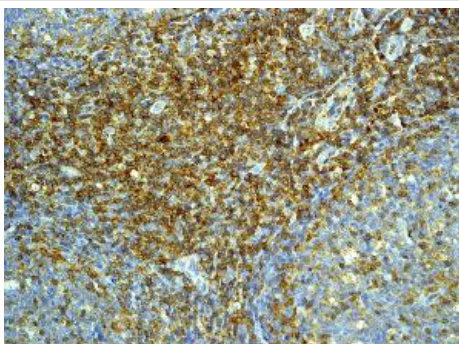
Post-translational modifications

Phosphorylated after T-cell receptor activation by ZAP-70.

Cellular localization

Cytoplasm.

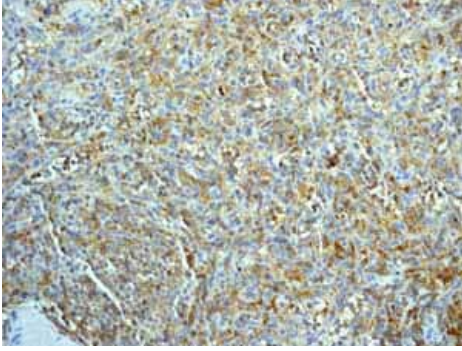
Images



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

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

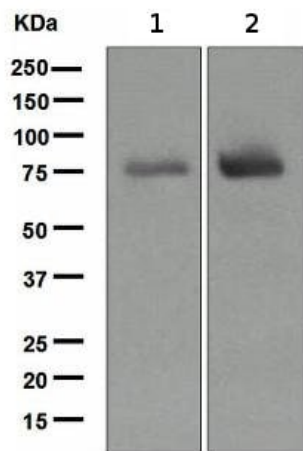
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



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

ab109254 showing positive staining in Normal human spleen tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



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

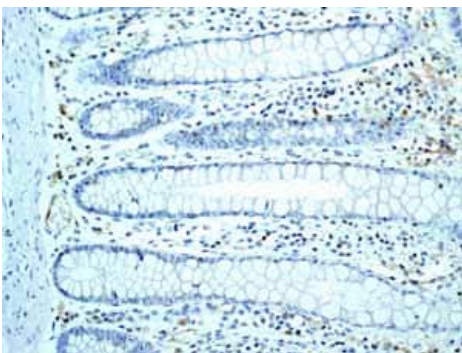
All lanes : Anti-SLP76 antibody [EPR2549(2)] (ab109254) at 1/1000 dilution

Lane 1 : HuT-78 cell lysate

Lane 2 : MOLT-4 cell lysate

Lysates/proteins at 10 µg per lane.

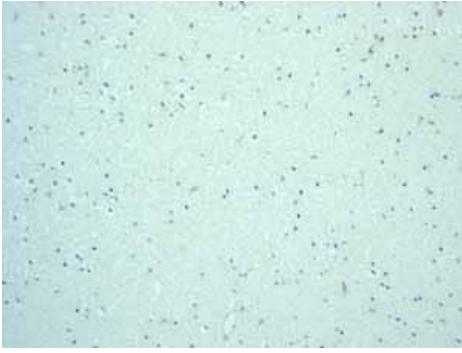
Predicted band size: 60 kDa



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

ab109254 showing positive staining in Normal human colon tissue.

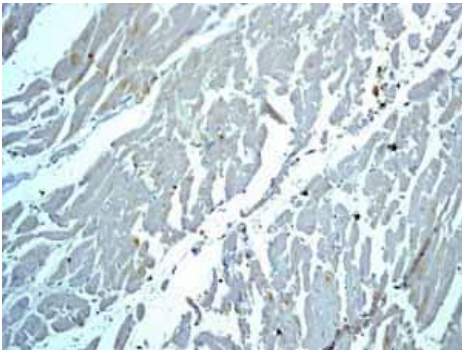
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



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

ab109254 showing negative staining in Normal human brain tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



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

ab109254 showing negative staining in Normal human heart tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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 antibody [EPR2549(2)] (ab109254)

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