

Product datasheet

Anti-SLP76 antibody [EPR2549(2)] α b109254

Recombinant RabMAb

6 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, ICC Unsuitable for: Flow Cyt or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human SLP76 aa 500-600 (C terminal). The exact sequence is proprietary.
Positive control	MOLT4 or HuT78 cell lysates; Human tonsil tissue.
General notes	

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

This product is a recombinant rabbit monoclonal antibody.

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, 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR2549(2)
Isotype	IgG

Applications

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.

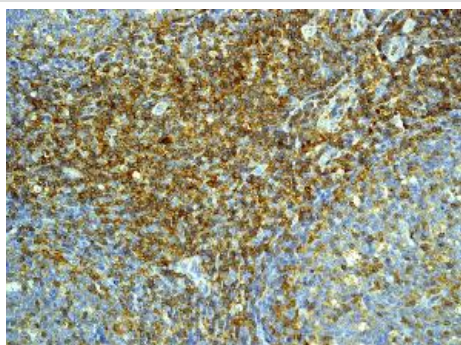
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 76 kDa (predicted molecular weight: 60 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
ICC		1/100 - 1/250.

Application notes Is unsuitable for Flow Cyt or IP.

Target

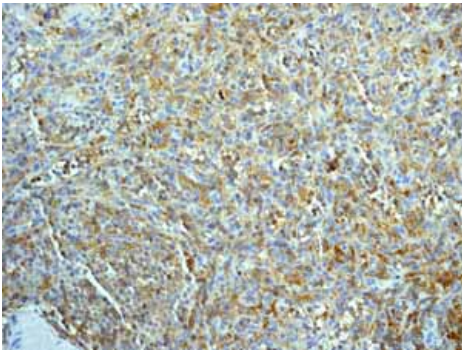
Function	Involved in T-cell antigen receptor mediated signaling.
Tissue specificity	Highly expressed in spleen, thymus and peripheral blood leukocytes. Highly expressed also in T-cell and monocytic cell lines, expressed at lower level in B-cell lines. Not detected in fibroblast or neuroblastoma cell 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



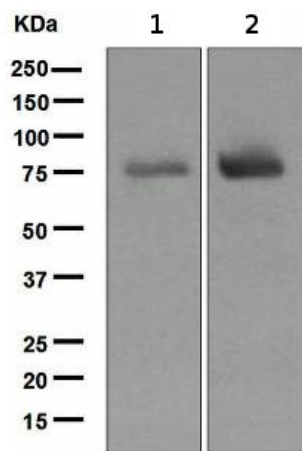
ab109254 at 1/100 dilution, staining SLP76 in Human tonsil, by Immunohistochemistry, Paraffin-embedded tissue.

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

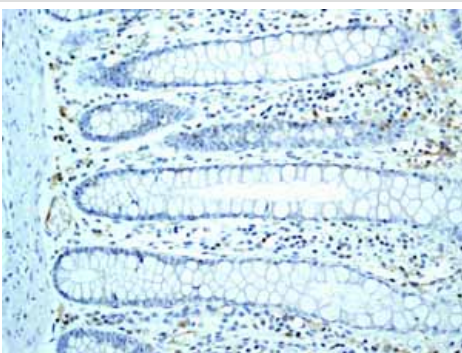
Lane 1 : HuT78 cell lysate

Lane 2 : MOLT4 cell lysate

Lysates/proteins at 10 μ g per lane.

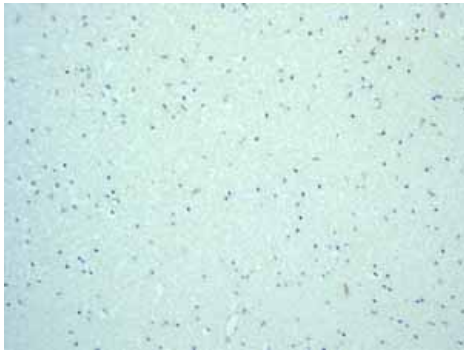
Predicted band size: 60 kDa

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



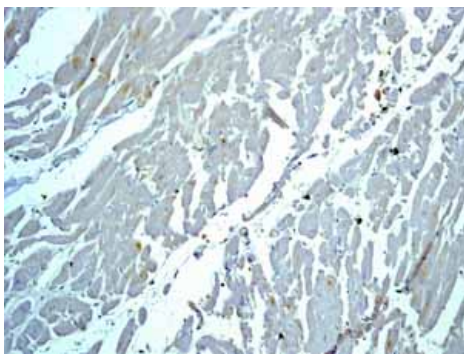
ab109254 showing positive staining in Normal colon tissue.

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)

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