

Product datasheet

Anti-LSP1 antibody [EPR3160] - BSA and Azide free ab248682

Recombinant RabMAb

8 Images

Overview

Product name	Anti-LSP1 antibody [EPR3160] - BSA and Azide free
Description	Rabbit monoclonal [EPR3160] to LSP1 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: Flow Cyt, ICC or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human LSP1 aa 50-150 (internal sequence). The exact sequence is proprietary.
General notes	<p>ab248682 is the carrier-free version of ab134099 This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.</p> <p>Our carrier-free formats are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>Ab248682 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm.</p> <p><i>Maxpar® is a trademark of Fluidigm Canada Inc.</i></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> <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>

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR3160
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab248682** 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		Use at an assay dependent concentration. Predicted molecular weight: 37 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application notes Is unsuitable for Flow Cyt, ICC or IP.

Target

Function

May play a role in mediating neutrophil activation and chemotaxis.

Tissue specificity

Activated T-lymphocytes.

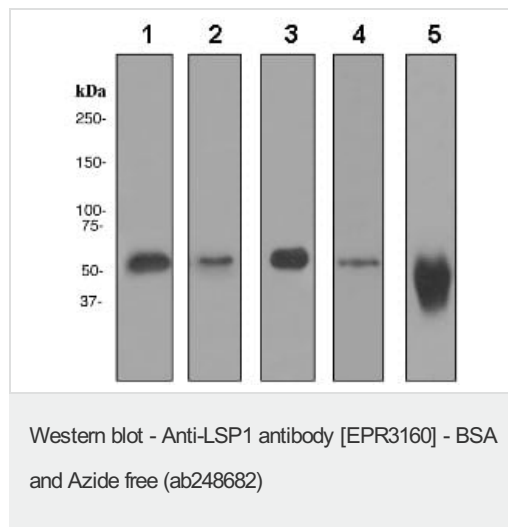
Post-translational modifications

Phosphorylated by casein kinase II, protein kinase C and MAPKAPK2. Phosphorylation by PKC induces translocation from membrane to cytoplasm. Phosphorylation by MAPKAPK2 may regulate neutrophil chemotaxis.

Cellular localization

Cell membrane.

Images



All lanes : Anti-LSP1 antibody [EPR3160] ([ab134099](#)) at 1/1000 dilution

Lane 1 : Daudi cell lysate

Lane 2 : Ramos cell lysate

Lane 3 : HuT-7 cell lysate

Lane 4 : U937 cell lysate

Lane 5 : K562 cell lysate

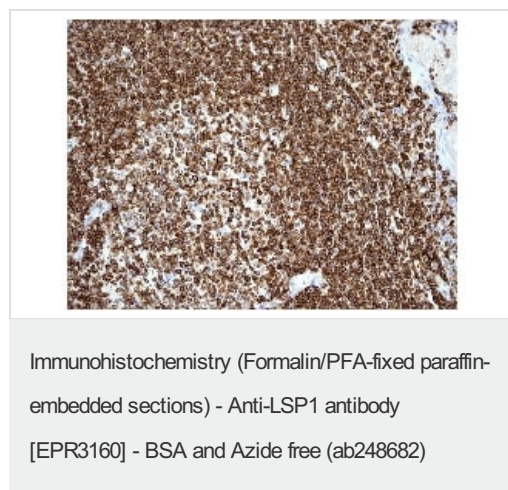
Lysates/proteins at 10 µg per lane.

Secondary

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

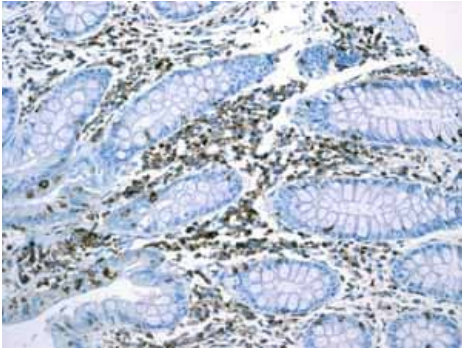
Predicted band size: 37 kDa

This data was developed using [ab134099](#), the same antibody clone in a different buffer formulation.



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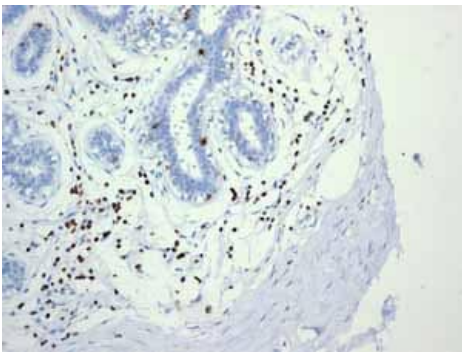
Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labelling LSP1 with [ab134099](#) at 1/100 dilution. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LSP1 antibody [EPR3160] - BSA and Azide free (ab248682)

This data was developed using [ab134099](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded normal Human colon lymphocytes tissue using [ab134099](#) showing +ve staining.

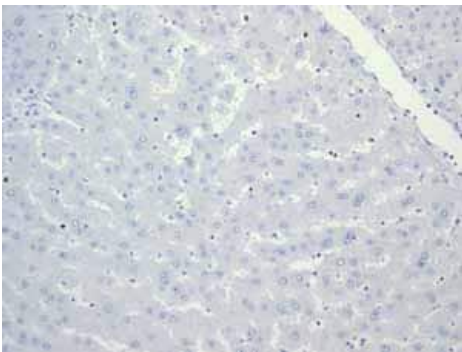
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LSP1 antibody [EPR3160] - BSA and Azide free (ab248682)

This data was developed using [ab134099](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded normal Human breast lymphocytes tissue using [ab134099](#) showing +ve staining.

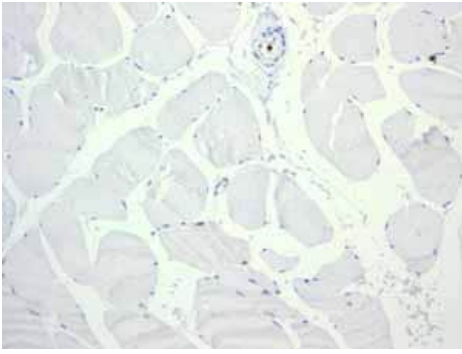
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LSP1 antibody [EPR3160] - BSA and Azide free (ab248682)

This data was developed using [ab134099](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded normal Human liver tissue using [ab134099](#) showing -ve staining.

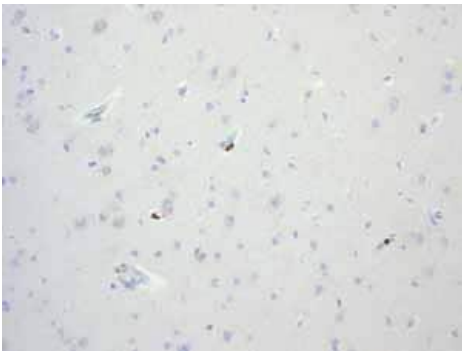
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LSP1 antibody [EPR3160] - BSA and Azide free (ab248682)

This data was developed using [ab134099](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded Human Skeletal muscle tissue using [ab134099](#) showing -ve staining.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LSP1 antibody [EPR3160] - BSA and Azide free (ab248682)

This data was developed using [ab134099](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded normal Human brain tissue using [ab134099](#) showing -ve staining.

Perform heat mediated antigen retrieval with citrate buffer pH 6 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-LSP1 antibody [EPR3160] - BSA and Azide free (ab248682)

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

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