

Product datasheet

Anti-LSM5 antibody [EPR10691(B)] ab151717

Recombinant RabMAb

8 Images

Overview

Product name	Anti-LSM5 antibody [EPR10691(B)]
Description	Rabbit monoclonal [EPR10691(B)] to LSM5
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: Flow Cyt, ICC/IF or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide, corresponding to residues in Human LSM5 (UniProt: Q9Y4Y9).
Positive control	HeLa, T47D, HL60 and Human placenta lysates; Human thyroid gland carcinoma and uterus tissues.

General notes

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

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

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 -20°C.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR10691(B)
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab151717** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

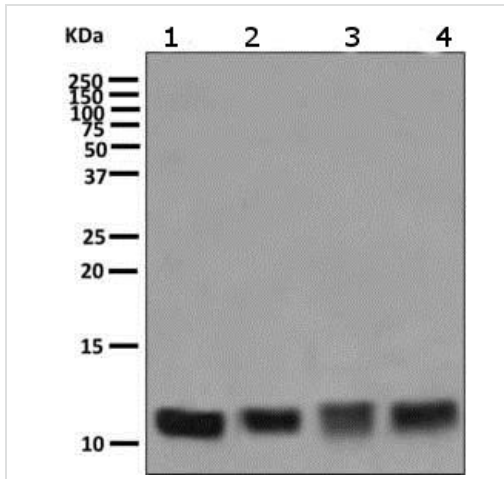
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 10 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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

Target

Function	Plays a role in U6 snRNP assembly and function. Binds to the 3' end of U6 snRNA, thereby facilitating U4/U6 duplex formation in vitro.
Sequence similarities	Belongs to the snRNP Sm proteins family.
Cellular localization	Nucleus.

Images



Western blot - Anti-LSM5 antibody [EPR10691(B)] (ab151717)

All lanes : Anti-LSM5 antibody [EPR10691(B)] (ab151717) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : T47D cell lysate

Lane 3 : HL60 cell lysate

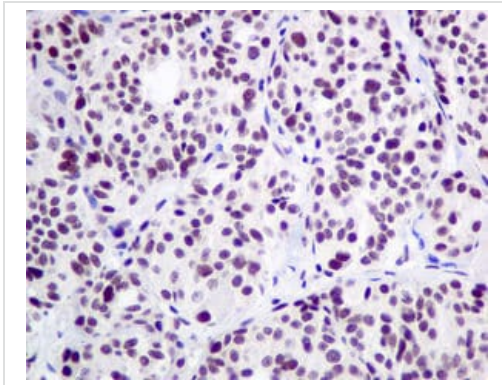
Lane 4 : Human placenta lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

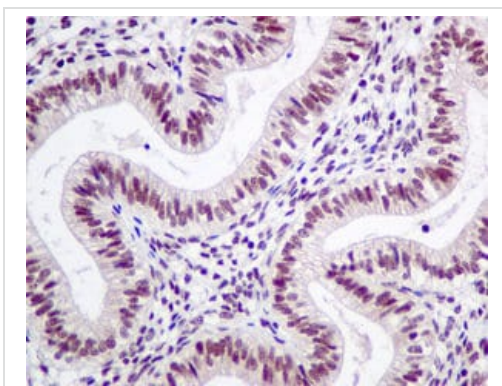
Predicted band size: 10 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LSM5 antibody [EPR10691(B)] (ab151717)

Immunohistochemical analysis of paraffin-embedded Human thyroid gland carcinoma tissue labeling LSM5 with ab151717 at 1/50 dilution.

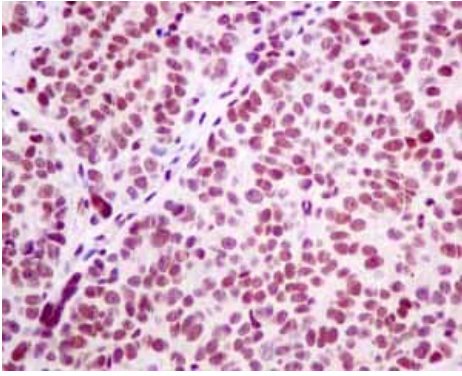
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LSM5 antibody [EPR10691(B)] (ab151717)

Immunohistochemical analysis of paraffin-embedded Human uterus tissue labeling LSM5 with ab151717 at 1/50 dilution.

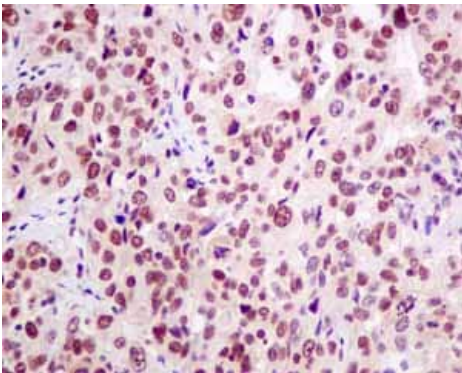
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LSM5 antibody [EPR10691(B)] (ab151717)

Immunohistochemical analysis of paraffin embedded Human Ovarian carcinoma tissue using ab151717 showing +ve staining.

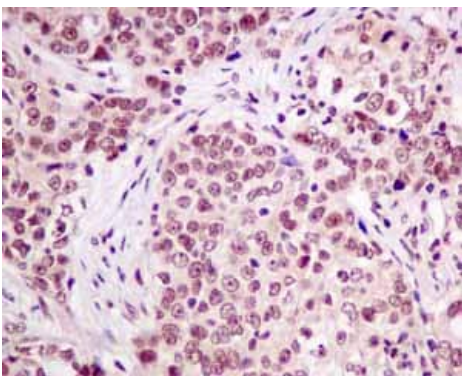
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LSM5 antibody [EPR10691(B)] (ab151717)

Immunohistochemical analysis of paraffin embedded Human Cervical carcinoma tissue using ab151717 showing +ve staining.

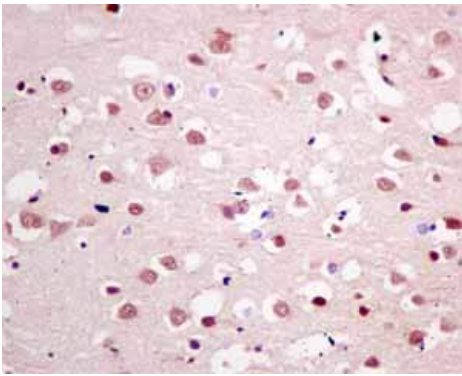
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LSM5 antibody [EPR10691(B)] (ab151717)

Immunohistochemical analysis of paraffin embedded Human Breast carcinoma tissue using ab151717 showing +ve staining.

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



Immunohistochemical analysis of paraffin embedded normal Human brain tissue using ab151717 showing +ve staining.

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LSM5 antibody [EPR10691(B)] (ab151717)

Why choose a recombinant antibody?



Anti-LSM5 antibody [EPR10691(B)] (ab151717)

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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