abcam

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:** Human
	Predicted to work with: Mouse, Rat
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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**.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20ºC.
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	Protein A purified
Clonality	Monoclonal

Clone number	EPR10691(B)
Isotype	IgG

Applications

The Abpromise guarantee   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.
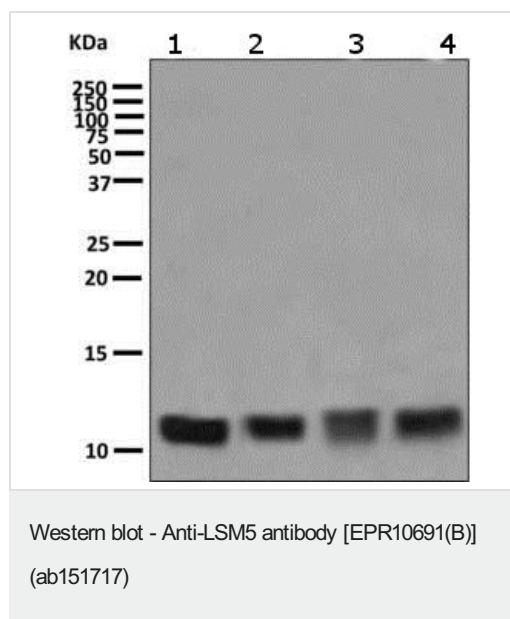
Target

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
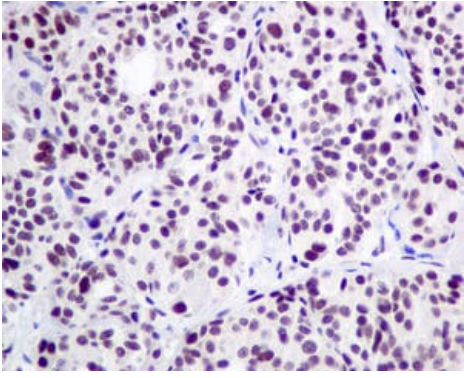**Lane 3 :** HL60 cell lysate
Lane 4 : Human placenta lysate

Lysates/proteins at 10 µg per lane.

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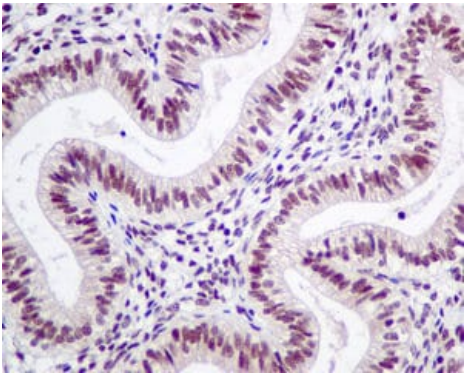
All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 10 kDa

Immunohistochemical analysis of paraffin-embedded Human thyroid gland carcinoma tissue labeling LSM5 with ab151717 at 1/50 dilution.
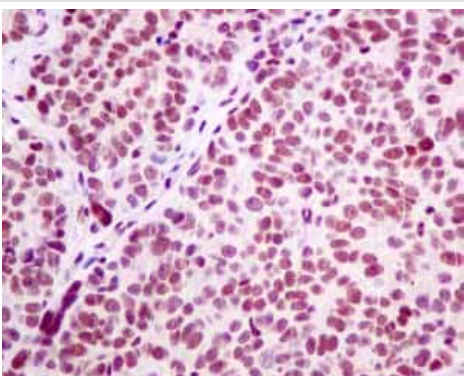
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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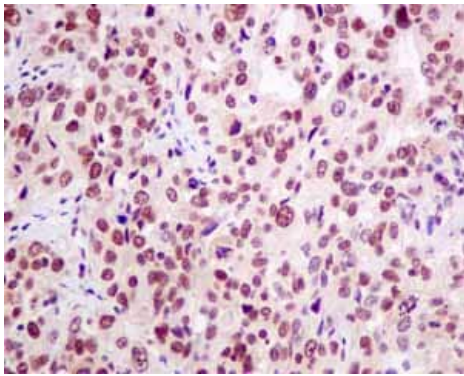
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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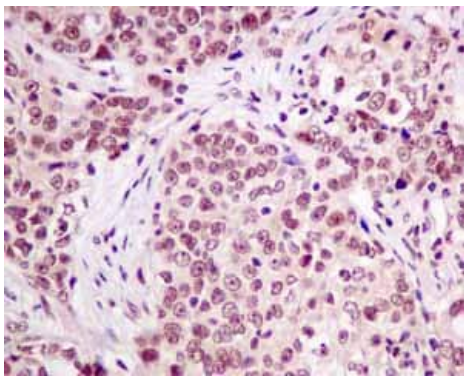
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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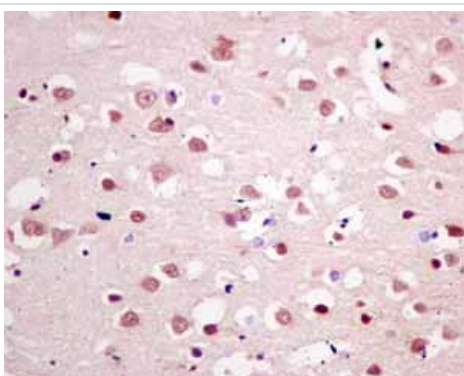
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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.

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

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)

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

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