32-5988: Mouse Anti Human LSM2 Homolog, U6 Small Nuclear RNA Associated (Clone:PAT2B2AT.)

Clonality :	Monoclonal
Clone Name :	PAT2B2AT.
Application :	ELISA,WB
Gene :	LSM2
Gene ID :	57819
Uniprot ID :	Q9Y333
Format :	Purified
Alternative Name :	LSM2 homolog U6 small nuclear RNA associated (S. cerevisiae),Small nuclear ribonuclear protein D homolog,chromosome 6 open reading frame 28,snRNP core Sm-like protein Sm-x5,C6orf28,YBL026W,Protein G7b,snRNP.
Isotype :	Mouse IgG2a heavy chain and k light chain.
Immunogen Information :	Anti-human LSM2 mAb, is derived from hybridization of mouse FO myeloma cells with spleen cells from BALB/c mice immunized with recombinant human LSM2 amino acids 1-95 purified from E. coli.

Description

LSM2 is a member of the snRNP Sm proteins family. Sm-like proteins are branded in several organisms based on sequence homology with the Sm protein family. Sm-like proteins hold the Sm sequence motif that is made up of 2 regions separated by a linker of variable length which folds as a loop. The Sm-like proteins are believed to create a steady heteromer present in tri-snRNP particles, which are vital for pre-mRNA splicing. LSM2 binds specifically to the 3'-terminal U-tract of U6 snRNA nad takes part in pre-mRNA splicing.

Product Info

Amount :	20 μg
Purification :	LSM2 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

LSM2 antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000~1:3,000.