

## ARG45204 anti-LSM8 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes LSM8
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	LSM8
Species	Human
Immunogen	Recombinant protein containing to human LSM8.
Conjugation	Un-conjugated
Alternate Names	LSM8; LSM8 Homolog, U6 Small Nuclear RNA Associated; U6 SnRNA-Associated Sm-Like Protein LSm8; YJR022W ; LSM8 Homolog, U6 Small Nuclear RNA Associated (S. Cerevisiae); N-Alpha-Acetyltransferase8, NatC Auxiliary Subunit; LSM8 U6 Small Nuclear RNA Associated; MAK31-Like Protein; NAA38

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	IHC-P	1-2 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	16 kDa	

### Properties

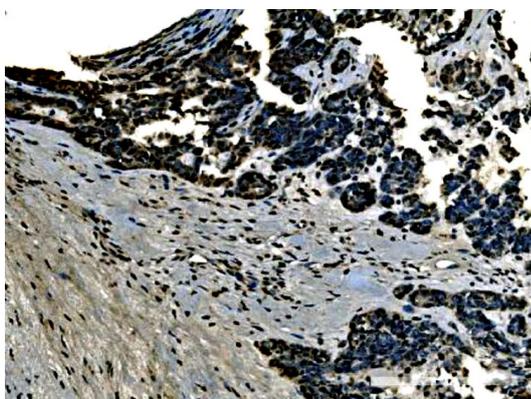
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.01% Sodium azide and 4% Trehalose.
Preservative	0.01% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

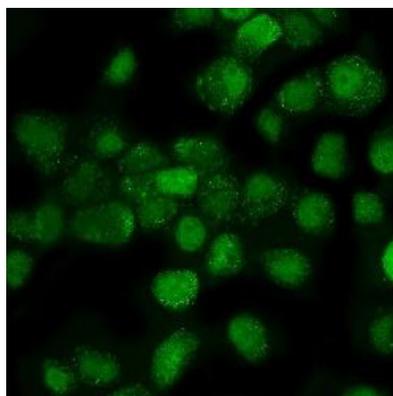
Gene Symbol	LSM8
Gene Full Name	LSM8 Homolog, U6 Small Nuclear RNA Associated
Background	This gene encodes a member of the like-Sm family of proteins. The encoded protein consists of a closed barrel shape, made up of five anti-parallel beta strands and an alpha helix. This protein partners with six paralogs to form a heteroheptameric ring which transiently binds U6 small nuclear RNAs and is involved in the general maturation of RNA in the nucleus. [provided by RefSeq, Jan 2010]
Function	Plays a role in pre-mRNA splicing as component of the U4/U6-U6 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex). [UniProt]
Calculated Mw	10 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Nucleus. [UniProt]

## Images



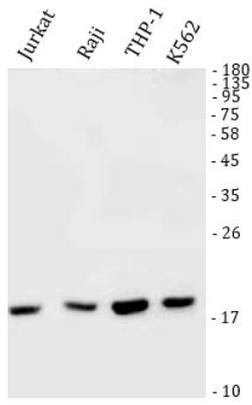
ARG45204 anti-LSM8 antibody IHC-P image

Immunohistochemistry: Human ovary cancer stained with ARG45204 anti-LSM8 antibody at 2 µg/ml dilution.



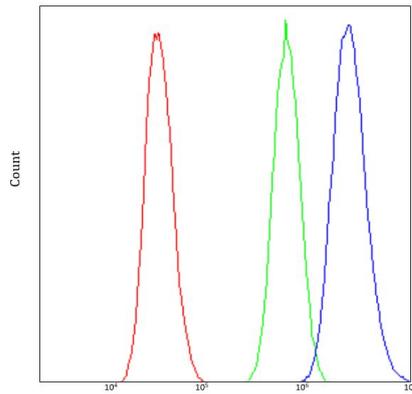
ARG45204 anti-LSM8 antibody ICC/IF image

Immunofluorescence: A431 stained with ARG45204 anti-LSM8 antibody at 5 µg/ml dilution.



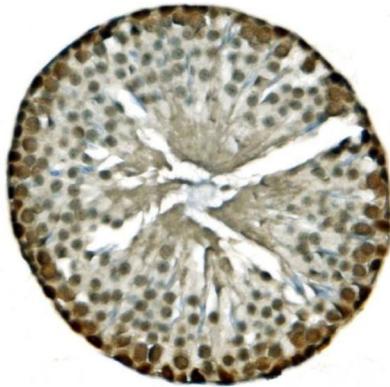
ARG45204 anti-LSM8 antibody WB image

Western blot: Jurkat, Raji, THP-1, and K562 stained with ARG45204 anti-LSM8 antibody at 0.25  $\mu\text{g}/\text{ml}$  dilution.



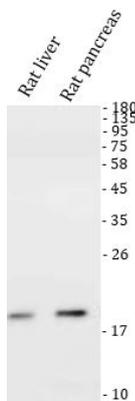
ARG45204 anti-LSM8 antibody FACS image

Flow Cytometry: A431 stained with ARG45204 anti-LSM8 antibody at 1  $\mu\text{g}/10^6$  cells dilution.



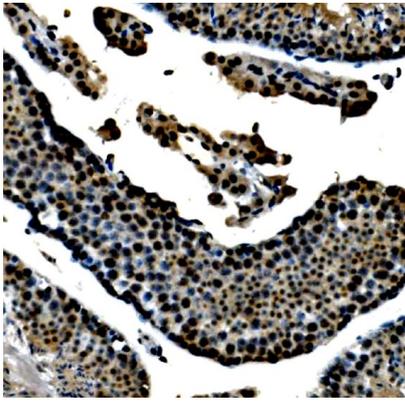
ARG45204 anti-LSM8 antibody IHC-P image

Immunohistochemistry: Rat testis stained with ARG45204 anti-LSM8 antibody at 2  $\mu\text{g}/\text{ml}$  dilution.



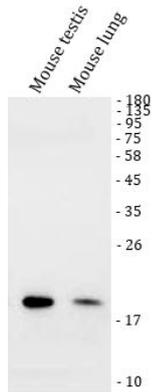
ARG45204 anti-LSM8 antibody WB image

Western blot: Rat live and rat pancreas stained with ARG45204 anti-LSM8 antibody at 0.25  $\mu\text{g}/\text{ml}$  dilution.



ARG45204 anti-LSM8 antibody IHC-P image

Immunohistochemistry: Mouse testis stained with ARG45204 anti-LSM8 antibody at 2  $\mu\text{g/ml}$  dilution.



ARG45204 anti-LSM8 antibody WB image

Western blot: Mouse testis and mouse lung stained with ARG45204 anti-LSM8 antibody at 0.25  $\mu\text{g/ml}$  dilution.