

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 ⁶ 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

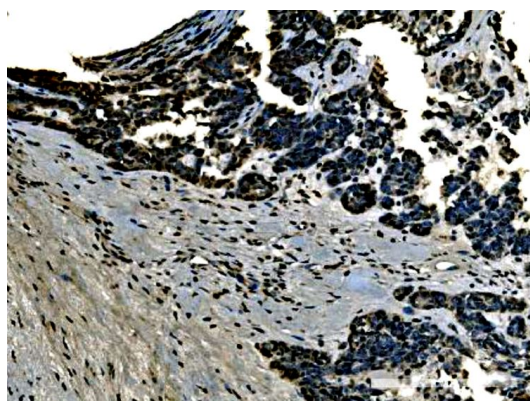
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.01% Sodium azide and 4% Trehalose.
Preservative	0.01% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

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

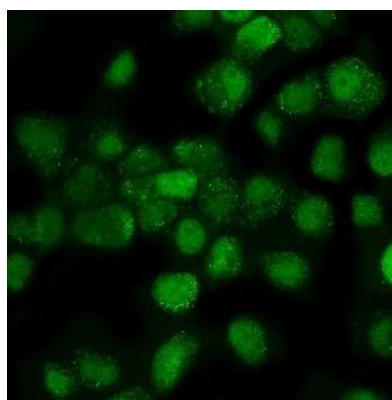
Gene Symbol	LSM8
Gene Full Name	LSM8 Homolog, U6 Small Nuclear RNA Associated
Background	This gene encodes a member of the like-Sm family of proteins. The encoded protein consists of a closed barrel shape, made up of five anti-parallel beta strands and an alpha helix. This protein partners with six paralogs 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



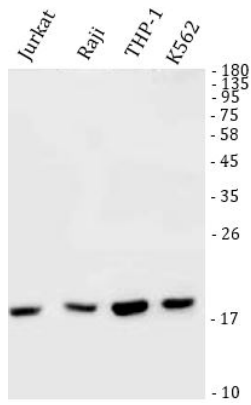
ARG45204 anti-LSM8 antibody IHC-P image

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



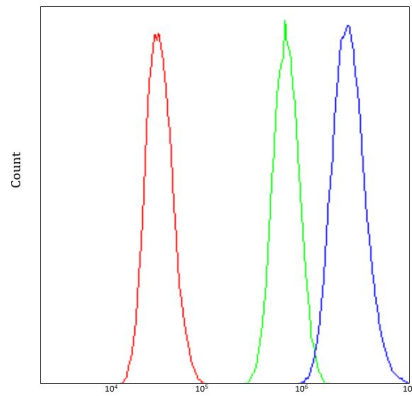
ARG45204 anti-LSM8 antibody ICC/IF image

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



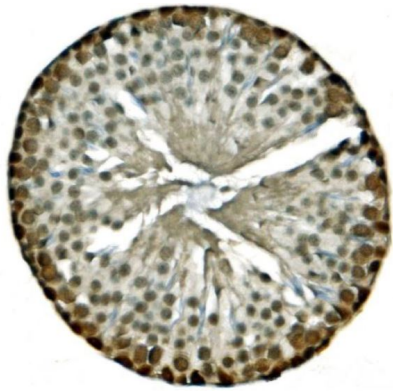
ARG45204 anti-LSM8 antibody WB image

Western blot: Jurkat, Raji, THP-1, and K562 stained with ARG45204 anti-LSM8 antibody at 0.25 µg/ml dilution.



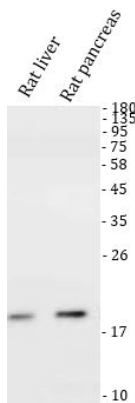
ARG45204 anti-LSM8 antibody FACS image

Flow Cytometry: A431 stained with ARG45204 anti-LSM8 antibody at 1 µg/10⁶ cells dilution.



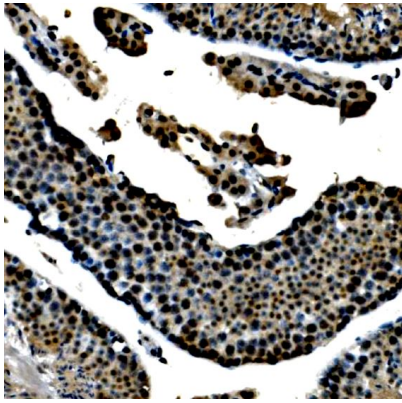
ARG45204 anti-LSM8 antibody IHC-P image

Immunohistochemistry: Rat testis stained with ARG45204 anti-LSM8 antibody at 2 µg/ml dilution.



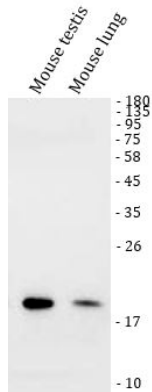
ARG45204 anti-LSM8 antibody WB image

Western blot: Rat live and rat pancreas stained with ARG45204 anti-LSM8 antibody at 0.25 µg/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.