

Product Datasheet

RPSA Antibody / 40S Ribosomal protein SA / Laminin Receptor 1 (orb2642148)

Catalog Number	orb2642148
Category	Antibodies
Description	Required for the assembly and/or stability of the 40S ribosomal subunit. Required for the processing of the 20S rRNA-precursor to mature 18S rRNA in a late step of the maturation of 40S ribosomal subunits. Also functions as a cell surface receptor for laminin. Plays a role in cell adhesion to the basement membrane and in the consequent activation of signaling transduction pathways. May play a role in cell fate determination and tissue morphogenesis. Acts as a PPP1R16B-dependent substrate of PPP1CA. [UniProt]
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	Prediluted in 1X PBS, 0.1 mg/ml rAlbumin, 0.05% sodium azide; For IHC use only
Purification	Protein G affinity chromatography
Immunogen	Recombinant full length protein was used as the immunogen for the RPSA antibody.
UniProt ID	P08865
Tested applications	IHC-P

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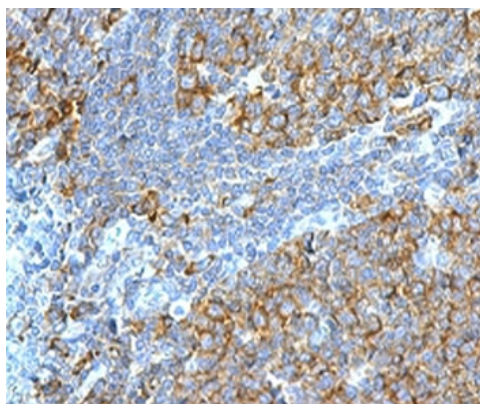
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Dilution range	The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.
Application notes	The stated application concentrations are suggested starting points. Titration of the RPSA antibody may be required due to differences in protocols and secondary/substrate sensitivity. ¹ The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.
Antibody Type	Primary Antibody
Clone Number	LMNR-1
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



IHC testing of FFPE human tonsil stained with RPSA antibody (clone LMNR-1). Required HIER: boiling tissue sections in pH9 10 mM Tris with 1 mM EDTA for 10-20 min followed by cooling at RT for 20 min.

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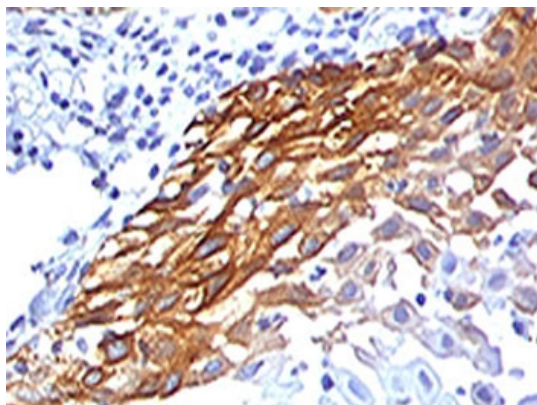
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IHC testing of FFPE human cervical carcinoma stained with RPSA antibody (clone LMNR-1). Required HIER: boiling tissue sections in pH9 10 mM Tris with 1 mM EDTA for 10-20 min followed by cooling at RT for 20 min.

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