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# anti-RPSA/Laminin Receptor antibody

2 Images



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## Overview

Quantity:	0.1 mg
Target:	RPSA/Laminin Receptor (RPSA)
Reactivity:	Human, Mouse, Cow, Chicken, Xenopus laevis
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RPSA/Laminin Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),
	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## **Product Details**

Immunogen:	REPRLLVVTDPRADHQP
Clone:	RP-01
Isotype:	lgG2a
Specificity:	The mouse monoclonal antibody RP-01 recognizes ribosomal protein SA (RPSA), which is important for formation and stability of 40S ribosomal subunit, and is overexpressed in many carcinomas.
Purification:	Purified by protein-A affinity chromatography.

# **Target Details**

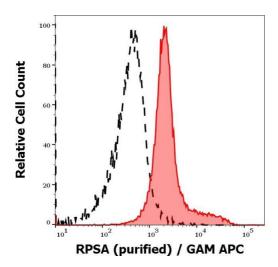
Target:	RPSA/Laminin Receptor (RPSA)
Alternative Name:	RPSA (RPSA Products)

# **Target Details**

Storage Comment:

Background:	Ribosomal protein SA,Ribosomal protein SA (RPSA) is a multi-functional protein, that is an important component of 40S ribosomal subunit, and binds to lamin. Higher expression of RPSA is characteristic for many carcinomas, and correlates with their invasivity and metastatic potential. It has also been described, that RPSA interacts with amyloid beta peptide during Alzheimer's disease.,Ribosomal protein SA, CCLBP, MRAP, LR1, LRP/LR
Gene ID:	3921
UniProt:	P08865
Pathways:	Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly
Application Details	
Application Notes:	Flow cytometry: Recommended dilution: 8-12 µg/mL. Intracellular staining.
Restrictions:	For Research Use only
Handling	
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C

Store at 2-8°C. Do not freeze.



# **Flow Cytometry**

**Image 1.** Separation of MOLT-4 cells stained using anti-RPSA (RP-01) purified antibody (concentration in sample 9  $\mu$  g/mL, GAM APC, red-filled) from MOLT-4 unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (intracellular staining).



## **Immunocytochemistry**

**Image 2.** Immunocytochemistry staining of RPSA in human glioblastoma cells T98G using mouse monoclonal antibody RP-01. The cells were fixed with paraformaldehyde and permeabilized using Triton X-100.