

Datasheet for ABIN6942021
anti-RPSA/Laminin Receptor antibody



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	RPSA/Laminin Receptor (RPSA)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This RPSA/Laminin Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	C terminus human 67kDa Laminin Receptor
Clone:	8C5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	RPSA/Laminin Receptor (RPSA)
Alternative Name:	67kDa Laminin Receptor (RPSA Products)

Target Details

Background: Synonyms: 40S ribosomal protein SA, 37 kDa laminin receptor precursor, 37/67 kDa laminin receptor, 67 kDa laminin receptor, Colon carcinoma laminin-binding protein, Laminin receptor 1, Laminin-binding protein precursor p40, Multidrug resistance-associated protein MGr1-Ag, NEM/1CHD4, 37LRP, LRP/LR, 67LR, LamR, LBP/p40, RPSA

Background: 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. Also acts as a receptor for several other ligands, including the pathogenic prion protein, viruses, and bacteria.

Gene ID: 3921

UniProt: [P08865](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [Ribosome Assembly](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IHC-P 1:200-400
IF(ICC) 1:50-200
IHC()

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months