

Recombinant Anti-RPSA Antibody (V3S-0622-YC3829)

Cat. No.: V3S-0622-YC3829

Summary

Description	This product is a monoclonal antibody derived from mouse, which can specifically recognize RPSA. The antibody is expressed with mammalian cell transient expression system, serum-free and purified by affinity chromatography. The purity and integrity are tested via SDS-PAGE and SEC-HPLC analysis. Given an antigen, additional QC measures are also desired such as affinity testing and binding validation. Specifically, the antibody is provided in multiple formats for in vivo and in vitro assays. The <i>In vivo</i> version features greater than 95% purity, ultra-low endotoxin levels (<1 EU/mg or 0.1 EU/mg), and is preservative, stabilizer, and carrier protein-free.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Human
Immunogen	Recombinant human RPSA peptide
Isotype	IgG1
Isotype Control	C60052; C51237
Secondary Antibody	C47504; C37557; C41360; C32672; C10001

Property

Expression Species	HEK293F or CHO
Conjugation	None
Purity	>95%, determined by SDS-PAGE and/or SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Protein A affinity purified
Sterility	0.2 µM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4°C within a week. For longer storage, aliquot and store at -20°C.

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Applications

Application ELISA

Application Notes The antibody is recommended for detection of RPSA by ELISA assay.

Target

Target RPSA

Alternative Name RPSA; ribosomal protein SA; SA; LBP; LRP; p40; 67LR; ICAS

Gene ID [3921](#)

UniProt [A0A024R2P0](#)

Introduction 40S ribosomal protein SA is a ribosomal protein that in humans is encoded by the RPSA gene. It also acts as a cell surface receptor, in particular for laminin, and is involved in several pathogenic processes.

Research Area Cardiovascular; Neuroscience

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