

Anti-Ribosomal Protein S27 RPS27 Monoclonal Antibody

Catalog Number: M06699S27

About RPS27

Epithelial splicing regulatory protein 1 (Esrp-1) is an mRNA splicing factor that regulates the formation of epithelial cell-specific isoforms. It specifically regulates the expression of FGFR2-IIIb, an epithelial cell-specific isoform of FGFR2, and also regulates the splicing of CD44, CTNND1, ENAH, 3 transcripts that undergo changes in splicing during the epithelial-to-mesenchymal transition (EMT). EsrpP-1 acts by directly binding specific sequences in mRNAs. It binds the GU-rich sequence motifs in the ISE/ISS-3, a cis-element regulatory region present in the mRNA of FGFR2.

Overview

Product Name	Anti-Ribosomal Protein S27 RPS27 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Ribosomal Protein S27 RPS27 Monoclonal Antibody catalog # M06699S27. Tested in ELISA, IHC applications. This antibody reacts with Human.
Application	ELISA, IHC
Clonality	Monoclonal 4A12
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P42677

Technical Details

Immunogen	Purified recombinant fragment of Ribosomal Protein S27 expressed in E. Coli.
Predicted Reactive Species	Chimpanzee, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Affinity purification
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

IHC 1:200-1:1000

ELISA 1:10000

Anti-Ribosomal Protein S27 RPS27 Monoclonal Antibody (M06699S27) Images

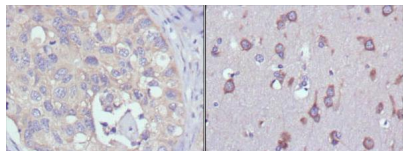


Figure 1. Immunohistochemistry validation of RPS27 using Anti-Ribosomal Protein S27 RPS27 Monoclonal Antibody (M06699S27).

Immunohistochemistry (IHC) analysis of paraffin-embedded human lung cancer (left) and Human Brain (right) tissues with DAB staining using Ribosomal Protein S27 Monoclonal Antibody.

For more protocol information of IHC

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