



# Ribosomal Protein S9 Monoclonal Antibody

<b>Catalog No</b>	BYmab-04173
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	RPS9
<b>Protein Name</b>	40S ribosomal protein S9
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RPS9. AA range:31-80
<b>Specificity</b>	Ribosomal Protein S9 Monoclonal Antibody detects endogenous levels of Ribosomal Protein S9 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	RPS9; 40S ribosomal protein S9
<b>Observed Band</b>	23kD
<b>Cell Pathway</b>	Cytoplasm . Localized in cytoplasmic mRNP granules containing untranslated mRNAs.
<b>Tissue Specificity</b>	Brain,Colon,Muscle,Placenta,Skin,
<b>Function</b>	similarity:Belongs to the ribosomal protein S4P family.,similarity:Contains 1 S4 RNA-binding domain.,
<b>Background</b>	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S4P family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding

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ribosomal proteins, multiple processed pseudogenes derived from this gene are dispersed through the genome. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using Ribosomal Protein S9 Monoclonal Antibody