



# RS3A Monoclonal Antibody

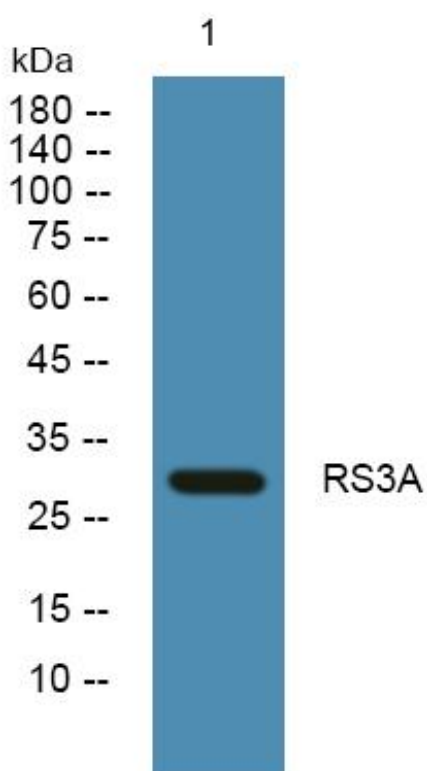
<b>Catalog No</b>	YP-mAb-05242
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	RPS3A FTE1 MFTL
<b>Protein Name</b>	40S ribosomal protein S3a (v-fos transformation effector protein) (Fte-1)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 190-270
<b>Specificity</b>	RS3A Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 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 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	29kD
<b>Cell Pathway</b>	Cytoplasm . Nucleus . Localized in cytoplasmic mRNP granules containing untranslated mRNAs.
<b>Tissue Specificity</b>	B-cell,Epithelium,Eye,Liver,Muscle,Ovary,Placenta,Skin,Testis,Uterus,
<b>Function</b>	similarity:Belongs to the ribosomal protein S3Ae family.,subunit:Binds with high affinity to IPO4.,
<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 S3AE family of ribosomal proteins. It is located in the cytoplasm. Disruption of the gene encoding rat ribosomal protein S3a, also named v-fos transformation effector protein, in v-fos-transformed rat cells results in reversion of the transformed phenotype. This gene is co-transcribed with the U73A and U73B small nucleolar RNA genes, which are located in its fourth and third introns, respectively. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants have

**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 RS3A Monoclonal Antibody