# **RBMS1** rabbit monoclonal antibody

Catalog # H00005937-K

Size 100 ug x up to 3

#### Specification **Product Description** Rabbit monoclonal antibody raised against a human RBMS1 peptide using ARM Technology. Immunogen A synthetic peptide of human RBMS1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. Host Rabbit Library Construction Non-fusion antibody library from rabbit spleen (ARM Technology). Expression Overexpression vector and transfection into 293H cell line. Reactivity Human **Purification** Protein A lsotype lgG **Quality Control Testing** Antibody reactive against human RBMS1 peptide by ELISA and mammalian transfected lysate by W estern Blot. **Storage Buffer** In 1x PBS, pH 7.4 **Storage Instruction** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. Deliverable Up to three rabbit IgG clones of 100 ug each will be delivered to customer. Note 1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding F(ab)<sub>2</sub>, IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

Western Blot (Transfected lysate)

Protocol Download

• ELISA

## Gene Info — RBMS1

Entrez GenelD	<u>5937</u>
GeneBank Accession#	RBMS1
Gene Name	RBMS1
Gene Alias	MGC15146, MGC3331, MSSP, MSSP-1, MSSP-2, MSSP-3, SCR2, YC1
Gene Description	RNA binding motif, single stranded interacting protein 1
Omim ID	<u>602310</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	This gene encodes a member of a small family of proteins which bind single stranded DNA/RNA. These proteins are characterized by the presence of two sets of ribonucleoprotein consensus seq uence (RNP-CS) that contain conserved motifs, RNP1 and RNP2, originally described in RNA bin ding proteins, and required for DNA binding. These proteins have been implicated in such divers e functions as DNA replication, gene transcription, cell cycle progression and apoptosis. Several t ranscript variants, resulting from alternative splicing and encoding different isoforms, have been d escribed. A pseudogene for this locus is found on chromosome 12. [provided by RefSeq
Other Designations	c-myc gene single strand binding protein 2 suppressor of cdc 2 (cdc13) with RNA binding motif 2

### Disease

- Diabetes Mellitus
- Genetic Predisposition to Disease
- Insulin Resistance
- <u>Tobacco Use Disorder</u>