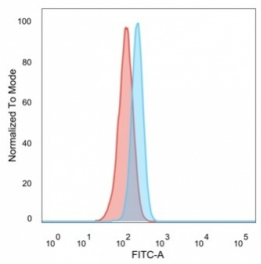
RBMS2 Antibody / SCR3 [clone PCRP-RBMS2-1B6] (V8997)

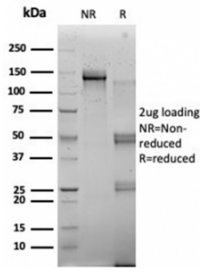
Catalog No.	Formulation	Size
V8997-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8997-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8997SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

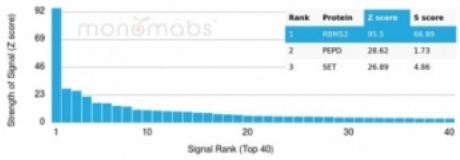
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	PCRP-RBMS2-1B6
Purity	Protein A/G affinity
UniProt	Q15434
Localization	Nucleus, Cytoplasm
Applications	ELISA (For Coating : Order BSA-free Format) : Immunoprecipitation : 1-2ug per 100-500ug of total protein (1ml of cell lysate) Flow Cytometry : 1-2ug/million cells
Limitations	This RBMS2 antibody is available for research use only.



FACS staining of PFA-fixed human HeLa cells with RBMS2 antibody (blue, clone PCRP-RBMS2-1B6) and isotype control (red).



SDS-PAGE analysis of purified, BSA-free RBMS2 antibody (PCRP-RBMS2-1B6) as confirmation of integrity and purity.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using RBMS2 antibody (clone PCRP-RBMS2-1B6). These results demonstrate the foremost specificity of the PCRP-RBMS2-1B6 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

Description

RBMS2 is a member of a small family of proteins that bind single stranded DNA or RNA. These proteins are characterized by the presence of two sets of ribonucleoprotein consensus sequence (RNP-CS) that contain conserved motifs, RNP1 and RNP2, and are required for DNA binding. The RBMS proteins have been implicated in such diverse functions as DNA replication, gene transcription, cell cycle progression and apoptosis. RBMS2 (RNA-binding motif, single-stranded-interacting protein 2) is a 407 amino acid protein that contains 2 RRM (RNA recognition motif) domains and localizes to nucleus. It has been suggested that RBMS2 suppresses Cdc2 kinase and Cdc13 cyclin mutants through the induction of translation of Cdc2. The RBMS2 gene is conserved in chimpanzee, canine, bovine, mouse, rat and zebrafish, and maps to human chromosome 12q13.3.

Application Notes

Optimal dilution of the RBMS2 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human RBMS2 protein was used as the immunogen for the RBMS2 antibody.

Storage

Aliquot the RBMS2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.