RBMS2 / SCR3 Antibody

Mouse Monoclonal Antibody [Clone PCRP-RBMS2-1B6]

Catalog No	Format	Size
5939-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5939-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
5939-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

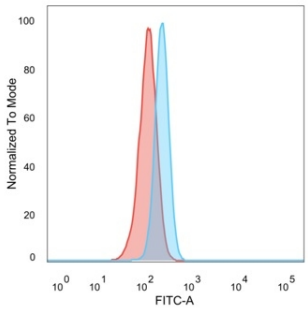
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	

Product Details

Clone	PCRP-RBMS2-1B6
Gene Name	RBMS2
Immunogen	Recombinant full-length human RBMS2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1
Mol. Weight of Antigen	43.95kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Nuclear and cytoplasmic expression in all tissues.

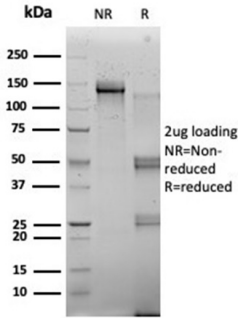
**Optimal dilution for a specific application should be determined.*

Product Images for RBMS2 / SCR3 Antibody



Flow cytometric analysis of PFA-fixed HeLa cells. RBMS2 Mouse Monoclonal Antibody (PCRP-RBMS2-1B6) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).

Analysis of Protein Array containing more than 19,000 full-length human proteinsusing RBMS2-Monospecific Mouse Monoclonal Antibody (PCRP-RBMS2-1B6). Z- and S-Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



SDS-PAGE Analysis of Purified RBMS2 Mouse Monoclonal Antibody (PCRP-RBMS2-1B6). Confirmation of Integrity and Purity of Antibody.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Nuclear Marker

Limitations and Warranty