

For Research Use Only

MCRS1 Monoclonal antibody, PBS Only



Catalog Number: 60215-1-PBS

Basic Information

Catalog Number: 60215-1-PBS	GenBank Accession Number: BC011794	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 10445	CloneNo.: 2H10E10
Source: Mouse	UNIPROT ID: Q96EZ8	
Isotype: IgG2a	Full Name: microspherule protein 1	
Immunogen Catalog Number: AG1904	Calculated MW: 51 kDa	
	Observed MW: 55+110 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

MCRS1, also named INO80Q, MSP58 or p78, is a nucleolar protein expressed in the very early S phase. It modulates the transcription repressor activity of DAXX by recruiting it to the nucleolus. MCRS1 is also present on polyribosomes of synaptoneurosome as a novel RNA-binding protein to activate the rRNA transcription. The forkhead-associated domain of MCRS1 is involved in association with centrosomal protein Nde1, comprising a component of the centrosome and taking an essential role in viability. Its isoform MCRS2 might be a linker between telomere maintenance and cell-cycle regulation by interacting with LPT5/PinX1, a telomerase-inhibitory protein. MCRS1 is detected by Western blot as a highly modified protein at 78 kDa and minor bands at about 62 and 55 kDa.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

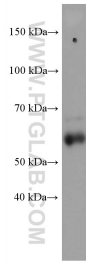
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Selected Validation Data



ROS1728 cells were subjected to SDS PAGE followed by western blot with 60215-1-Ig (MCRS1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60215-1-PBS in a different storage buffer formulation.