MCRS1 Monoclonal antibody, PBS Only

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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 LPTS/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℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
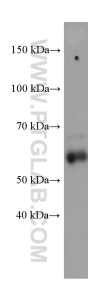**Storage Buffer:**
PBS Only

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.