

For Research Use Only

EXOSC10 Monoclonal antibody, PBS Only



Catalog Number: 68315-1-PBS

Basic Information

Catalog Number: 68315-1-PBS	GenBank Accession Number: BC039901	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 5394	CloneNo.: 1D6G9
Source: Mouse	UNIPROT ID: Q01780	
Isotype: IgG1	Full Name: exosome component 10	
Immunogen Catalog Number: AG28587	Calculated MW: 98 kDa	
	Observed MW: 98 kDa	

Applications

Tested Applications:
WB,IP,IF,ELISA

Species Specificity:
Human

Background Information

About 50% of patients with polymyositis/scleroderma (PM-Scl) overlap syndrome are reported to have autoantibodies to a nuclear/nucleolar particle termed PM-Scl. Exosome component 10 (EXOSC10), also named autoantigen PM/Scl 2, is the 100 kDa antigen component of PM-Scl and is recognized by most sera of PM-Scl patients. EXOSC10 is strongly enriched in the nucleolus and a small amount has been found in cytoplasm supporting the existence of a nucleolar RNA exosome complex form. As a putative catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease activity, EXOSC10 participates in a multitude of cellular RNA processing and degradation events.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only

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

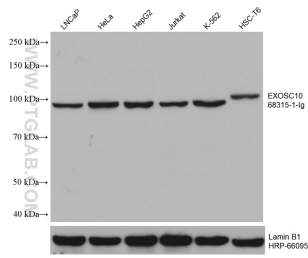
T: 4006900926

E: Proteintech-CN@ptglab.com

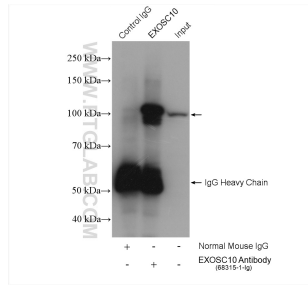
W: ptgcn.com

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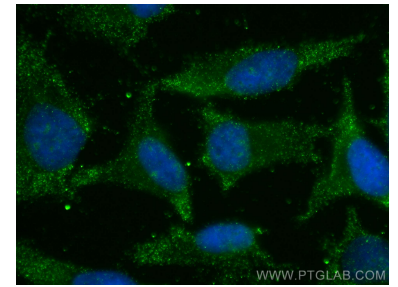
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68315-1-Ig (EXOSC10 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was developed using the same antibody clone with 68315-1-PBS in a different storage buffer formulation.



IP result of anti-EXOSC10 (IP:68315-1-Ig, 4ug; Detection:68315-1-Ig 1:1000) with HeLa cells lysate 1720 ug. This data was developed using the same antibody clone with 68315-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using EXOSC10 antibody (68315-1-Ig, Clone: 1D6G9) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68315-1-PBS in a different storage buffer formulation.