

For Research Use Only

MTA1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87979-1-PBS



Basic Information

Catalog Number: 87979-1-PBS	GenBank Accession Number: NM_004689	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9112	CloneNo.: 253519C10
Source: Rabbit	UNIPROT ID: Q13330	
Isotype: IgG	Full Name: metastasis associated 1	
Immunogen Catalog Number: AG30994	Calculated MW: 81 kDa	
	Observed MW: 70-80 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Metastasis-associated protein 1 (MTA1) is a member of the MTA family, which is involved in regulating DNA-based biological processes (PMID: 25332144). MTA1 is an integral part of the nucleosome remodeling histone deacetylase complex (NuRD complex) and regulates nucleosome remodeling and deacetylation by stabilizing the NuRD complex and related proteins (PMID: 12419236). MTA1 expression is associated with tumor malignancy in several cancers.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

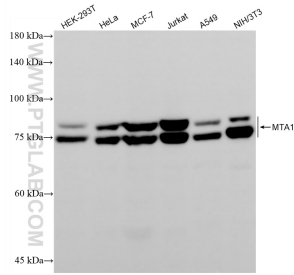
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

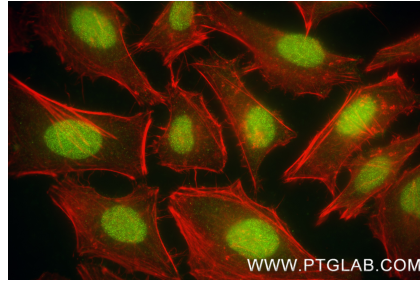
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87979-1-RR (MTA1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87979-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MTA1 antibody (87979-1-RR, Clone: 253519C10) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 87979-1-PBS in a different storage buffer formulation.