

For Research Use Only

MYSM1-Specific Recombinant antibody

Catalog Number: 85927-1-RR



Basic Information

Catalog Number:

85927-1-RR

Size:

100ul , Concentration: 1000 µg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001085487

GeneID (NCBI):

114803

UNIPROT ID:

Q5VVJ2

Full Name:

Myb-like, SWIRM and MPN domains 1

Calculated MW:

95 kDa

Observed MW:

81 kDa

Purification Method:

Protein A purification

CloneNo.:

243158A9

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, NIH/3T3 cells, HEK-293 cells, HepG2 cells

Background Information

MYSM1, also named as KIAA1915, belongs to the peptidase M67A family and MYSM1 subfamily. MYSM1 is a metalloprotease that specifically deubiquitinates monoubiquitinated histone H2A, a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. Deubiquitination of histone H2A leads to facilitate the phosphorylation and dissociation of histone H1 from the nucleosome. MYSM1 acts as a coactivator by participating in the initiation and elongation steps of androgen receptor (AR)-induced gene activation. It catalyzes the reaction: Ubiquitin C-terminal thioester + H₂O = ubiquitin + a thiol. MYSM1 is a marker of cancer. The antibody is specific to MYSM1.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

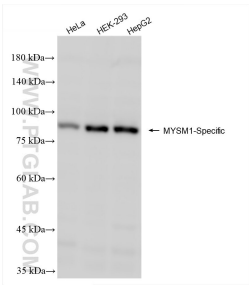
For technical support and original validation data for this product please contact:

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

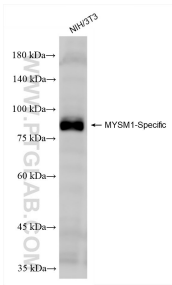
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85927-1-RR (MYSM1-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 85927-1-RR (MYSM1-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.