

For Research Use Only

MYSM1-Specific Recombinant antibody, PBS Only

Catalog Number: 85927-1-PBS



Basic Information

Catalog Number:

85927-1-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

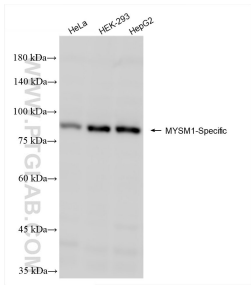
For technical support and original validation data for this product please contact:

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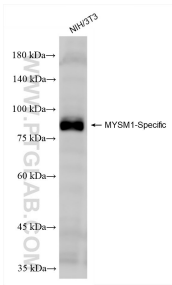
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W: ptglab.com

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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. This data was developed using the same antibody clone with 85927-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 85927-1-PBS in a different storage buffer formulation.