

For Research Use Only

MSL2 Polyclonal antibody

Catalog Number: 23601-1-AP



Basic Information

Catalog Number:

23601-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18727

GenBank Accession Number:

BC093790

GeneID (NCBI):

55167

UNIPROT ID:

Q9HCI7

Full Name:

male-specific lethal 2 homolog
(Drosophila)

Calculated MW:

577 aa, 63 kDa

Observed MW:

70-75 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB: 1:1000-1:4000

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, MOLT-4 cells

IF/ICC : A431 cells,

Background Information

In mammals, MSL2 participates in histone H2B ubiquitination (H2Bub1) via the MSL complex, regulating transcription and chromatin remodeling. It is essential for embryonic development and has been implicated in cancer progression. MSL2's dysfunction is linked to developmental defects and oncogenesis, highlighting its critical role in gene regulation. (PMID: 30669413; PMID: 34899909)

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

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

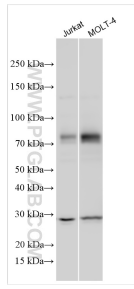
T: 4006900926

E: Proteintech-CN@ptglab.com

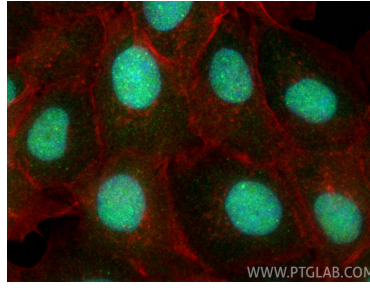
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23601-1-AP (MSL2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using MSL2 antibody (23601-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).