

For Research Use Only

LMOD1 Monoclonal antibody

Catalog Number:60414-1-Ig



Basic Information

Catalog Number:

60414-1-Ig

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7568

GenBank Accession Number:

BC001755

GeneID (NCBI):

25802

UNIPROT ID:

P29536

Full Name:

leiomodrin 1 (smooth muscle)

Calculated MW:

67 kDa

Observed MW:

75 kDa

Purification Method:

Protein G purification

CloneNo.:

1D6H2

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat, pig, rabbit

Positive Controls:

WB : pig colon tissue, ARPE-19 cells, hTERT-RPE1 cells, rabbit colon tissue, rat colon tissue, mouse colon tissue, rabbit testis tissue, rat uterus tissue, mouse uterus tissue

Background Information

LMOD1 was initially identified as a 64-kDa autoantigen in an expression screen with sera from patients with Hashimoto's thyroiditis. Recently immunohistochemistry and immunoblotting of LMOD1 demonstrated its highly restrictive pattern of expression in SMC lineages, like adult aorta, and bladder. LMOD1 is also shown to exhibit an embryonic and adult expression pattern. These data identify LMOD1 as a new SMC-restricted gene associated with the SMC differentiated phenotype.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

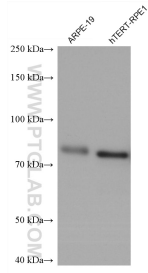
T: 4006900926

E: Proteintech-CN@ptglab.com

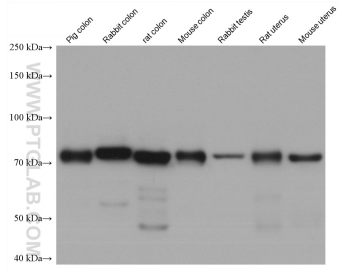
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60414-1-Ig (LMOD1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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