

For Research Use Only

# SMMHC Polyclonal antibody

Catalog Number: 18569-1-AP **9 Publications**



## Basic Information

|  |  |  |
|--|--|--|
| <b>Catalog Number:</b><br>18569-1-AP   | <b>GenBank Accession Number:</b><br>BC101677               | <b>Purification Method:</b><br>Antigen affinity purification         |
| <b>Size:</b><br>150ul , Concentration: 160 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>4629                              | <b>Recommended Dilutions:</b><br>WB 1:1000-1:4000<br>IHC 1:200-1:800 |
| <b>Source:</b><br>Rabbit   | <b>UNIPROT ID:</b><br>P35749                               |  |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>myosin, heavy chain 11, smooth muscle |  |
| <b>Immunogen Catalog Number:</b><br>AG13391  | <b>Calculated MW:</b><br>1938 aa, 224 kDa                  |  |
|  | <b>Observed MW:</b><br>227 kDa                             |  |

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : mouse colon tissue, mouse bladder tissue, mouse uterus tissue, rat uterus tissue

IHC : human normal colon,

## Notable Publications

| Author      | Pubmed ID | Journal             | Application |
|-------------|-----------|---------------------|-------------|
| Juhua Dan   | 25796412  | Ultrasound Med Biol | WB          |
| Daorong Pan | 35905868  | Cell Signal         | IHC         |
| Yichen Wu   | 35903325  | Front Pharmacol     | WB          |

## 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

\*\*\* 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)

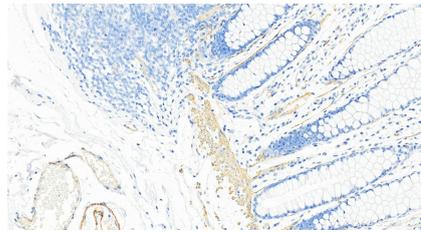
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



mouse colon tissue were subjected to SDS PAGE followed by western blot with 18569-1-AP (SMMHC antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 18569-1-AP (SMMHC antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).