

For Research Use Only

# SMMHC Monoclonal antibody

Catalog Number: 60222-2-Ig



## Basic Information

<b>Catalog Number:</b> 60222-2-Ig	<b>GenBank Accession Number:</b> BC101677	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul	<b>GeneID (NCBI):</b> 4629	<b>CloneNo.:</b> 1F10C12
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P35749	
<b>Isotype:</b> IgG1	<b>Full Name:</b> myosin, heavy chain 11, smooth muscle	
<b>Immunogen Catalog Number:</b> AG13397	<b>Calculated MW:</b> 1938 aa, 224 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human

## Background Information

SMMHC (smooth muscle myosin heavy chain; MYH11) is a contractile protein of smooth muscle cells. It is specifically expressed in cells derived from smooth muscle lineages. SMMHC is used as vascular smooth muscle cell (vSMC) contractile marker. It is also an excellent marker for myoepithelial cells, with no or few cross-reaction with myofibroblasts, thus very useful in the evaluation of stromal invasion.

## 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:

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## Selected Validation Data