

## Mouse Myosin, Smooth Muscle Monoclonal Antibody

Myosin, Smooth Muscle

|                              |                      |                                      |
|------------------------------|----------------------|--------------------------------------|
| CATALOG #<br><b>AAA59238</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human, Dog, Cat</b> |
|------------------------------|----------------------|--------------------------------------|

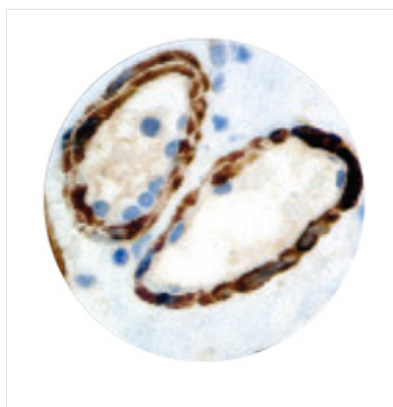
### PRODUCT SYNONYMS

Myosin; Smooth Muscle; Monoclonal Antibody; anti-Myosin; Smooth Muscle antibody

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                     |
| Reactivity              | Human, Dog, Cat                                                                                                                                                                                                                           |
| Clonality               | Monoclonal                                                                                                                                                                                                                                |
| Isotype                 | IgG1/K                                                                                                                                                                                                                                    |
| Clone Number            | SMM-H24                                                                                                                                                                                                                                   |
| Form/Format             | Smooth Muscle Myosin, Heavy Chain is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative. |
| Control                 | Intestine, Breast                                                                                                                                                                                                                         |
| Localization            | Cytoplasmic                                                                                                                                                                                                                               |
| Reactivity Note         | Paraffin, Frozen                                                                                                                                                                                                                          |
| Preparation and Storage | Store at 2 to 8 degree C in the dark.                                                                                                                                                                                                     |

### IMAGES



Dilution Info

| Antibody Type  | Dilution     | Volume/QTY |
|----------------|--------------|------------|
| Prediluted     | Ready-To-Use | 3.0 ml     |
| Prediluted     | Ready-To-Use | 7.0 ml     |
| Prediluted     | Ready-To-Use | 15.0 ml    |
| Concentrated   | 1:200-1:500  | 0.1 ml     |
| Concentrated   | 1:200-1:500  | 0.5 ml     |
| Concentrated   | 1:200-1:500  | 1.0 ml     |
| Control Slides |              | 5          |

IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Related Product Information for anti-Myosin, Smooth Muscle antibody | Myosins are a large family of motor proteins found in eukaryotic tissues. They are responsible for actin-based motility. Smooth Muscle Myosin, Heavy Chain is a cytoplasmic structural protein that is a major component of the contractile apparatus of the smooth muscle cells, as well as a myoepithelium-associated protein. SMM-H24 is a mouse monoclonal antibody to Smooth Muscle Myosin, Heavy Chain that reacts with human visceral and vascular smooth muscle cells. The antibody also reacts with human myoepithelial cells. It is very helpful in distinguishing between benign sclerosing breast lesions and infiltrating Carcinomas in difficult cases, since it strongly stains the myoepithelial layer in the benign lesions while it is negative in the infiltrating Carcinomas. |
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**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/myosin-smooth-muscle-antibody-clone-smm-h24-elisa/59238>