



20150218ML

# Anti-Mouse Endostatin (#3H11)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

|                  |                            |
|------------------|----------------------------|
| <b>Cat.-no.:</b> | <b>103-M200</b>            |
| Size:            | 100 µg                     |
| Lot. No.:        | According to product label |

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with cell lysates of recombinant mouse Endostatin protein). IgG2 fraction of the culture supernatant was purified by Protein A/G affinity chromatography.

## Target Background

|                           |         |
|---------------------------|---------|
| <b>Synonyms (Target):</b> | Col18a1 |
|---------------------------|---------|

Endostatin is a fragment of collagen XVIII and functions as an angiogenesis antagonist.

## Database References Target

|                        |                |
|------------------------|----------------|
| <b>Protein RefSeq:</b> | NP_001103461.1 |
| <b>Uniprot ID:</b>     | P39061         |
| <b>mRNA RefSeq:</b>    | NM_001109991.1 |

## Product Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Host</b>                  | Rat                                  |
| <b>Reactivity against</b>    | Mouse                                |
| <b>Clonality</b>             | Monoclonal Antibody                  |
| <b>Clone</b>                 | (#3H11)                              |
| <b>Isotype</b>               | IgG2                                 |
| <b>Purification</b>          | Protein G/A chromatography           |
| <b>Antigen</b>               | Recombinant Mouse Endostatin Protein |
| <b>Formulation</b>           | lyophilized                          |
| <b>Reconstitution buffer</b> | PBS (sterile)                        |

**Reconstitution:** Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

**Remarks:** This antibody was selected for its ability to detect mouse Endostatin protein by Western blotting.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

WB, IHC (P)

**Recommended usage:**

IHC (paraffine): 1:50 - 1:200

Western Blot: 1:50 - 1:1000

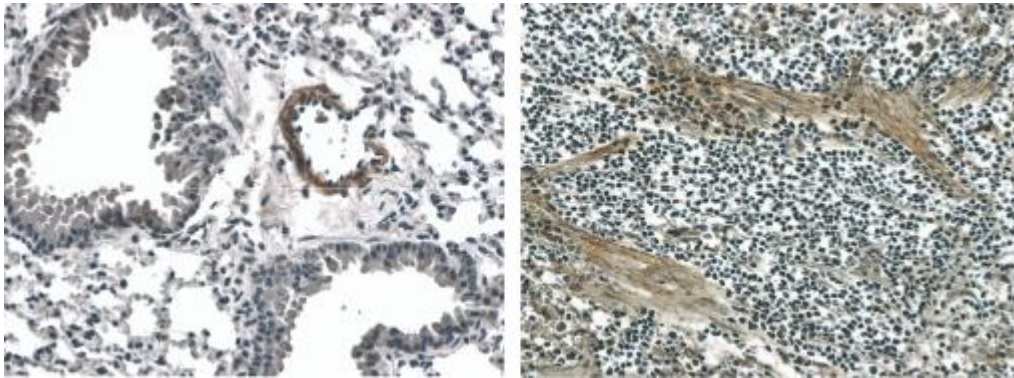
**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**



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### **Application/Handling**



Paraffin lung and spleen sections from LPS treated mice were subjected to IHC using anti FGF-R2 antibody 103-M200.