

Datasheet for ABIN701644

## **anti-ESM1 antibody (AA 51-150) (HRP)**



[Go to Product page](#)

### Overview

|                      |                                                                                  |
|----------------------|----------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                           |
| Target:              | ESM1                                                                             |
| Binding Specificity: | AA 51-150                                                                        |
| Reactivity:          | Human, Mouse, Rat                                                                |
| Host:                | Rabbit                                                                           |
| Clonality:           | Polyclonal                                                                       |
| Conjugate:           | This ESM1 antibody is conjugated to HRP                                          |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human ESM1 |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Human, Mouse, Rat                                        |
| Predicted Reactivity: | Cow,Pig,Horse                                            |
| Purification:         | Purified by Protein A.                                   |

### Target Details

|                   |                                                                      |
|-------------------|----------------------------------------------------------------------|
| Target:           | ESM1                                                                 |
| Alternative Name: | ESM1 ( <a href="#">ESM1 Products</a> )                               |
| Background:       | Synonyms: endocan, Endothelial cell-specific molecule 1, ESM-1, ESM1 |

## Target Details

|           |                                                                                                                                                    |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Background: Involved in angiogenesis, promotes angiogenic sprouting. May have potent implications in lung endothelial cell-leukocyte interactions. |
| Gene ID:  | 11082                                                                                                                                              |
| UniProt:  | <a href="#">Q9NQ30</a>                                                                                                                             |
| Pathways: | <a href="#">Growth Factor Binding</a>                                                                                                              |

## Application Details

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only                               |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Handling Advice:   | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.               |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |