



# AVISCERA BIOSCIENCE

## Rabbit Anti-Human Endothelial cell-Specific Molecule 1 (ESM-1) IgG

### Product Information

Code	A00318-01-100
Name	Human ESM1 Pab
Clone No.	N/A
Lot No.	
Size	100 µg
Species	Human
Host	Rabbit
Immunogen	ESM-1 (H) rec.
Ab Type	IgG
Purification	Protein A
Formulation	lyophilized Form without preservatives free
Carry	
Storage	-20 ° C
Specificity	Human
Reconstitution	PBS, 100 µl
Application	IHC ELISA WB

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### Preparation

This antibody was produced from a rabbit immunized with purified, *E. coli*-derived, recombinant human ESM-1. That IgG was purified by Protein A affinity

### Formulation

100 µg of purified IgG in 100 µl of PBS without preservatives was lyophilized.

### Reconstitution

Add 100 µl of PBS to the vial to prepare antibody stock solution at 100 µg/100 µl. Store reconstituted antibody at 2 to 8 ° C for up a few weeks. This antibody can also be aliquotted ( by 10 µL per vial) and stored frozen at -20° C to -70° C **in a manual defrost freezer** for up six months without detectable loss of activity.

### Storage

Lyophilized antibody can be stored at 2 ~8 ° C for a few weeks or at -20 ° C for six months. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize human ESM-1 in direct ELISA, Western blot as well as immunohistochemistry.

### Applications

**Direct ELISA** - This antibody can be used at 1: 5000 (0.2 µg /mL) with the appropriate secondary reagents to detect human ESM-1.

**Immunohistochemistry**-That Antibody can be used at 1: 500 (2 µg /mL) with the appropriate secondary antibody to detect ESM-1 in human lung and kidney tissues (ABC).

**Western blot** - This antibody can be used at 1: 500 [2 µg/mL ] with the appropriate secondary reagents to detect ESM at 40 KD (Dimer) and 20 KD (monomer) on mouse lung tissue homogenate under reduce condition.

*Optimal dilutions should be determined by each laboratory for each application.*

THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

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