



# AVISCERA BIOSCIENCE

## Anti-Human Endothelial Cell-Specific Molecule 1 (ESM1) Monoclonal Antibody

### Product Information

Code	A00318-05-100
Name	Human ESM1 Mab
Clone No.	95-1B2
Lot No.	
Size	100 µl
Species	Human
Host	Mice
Immunogen	ESM1 (Human), rec.
Ab Type	IgG
Purification	<i>sequential precipitation</i>
Formulation	lyophilized Form without preservatives free
Carry	
Storage	-20 ° C
Specificity	Human only
Reconstitution	PBS, 100 µl
Application	ELISA

### Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, *E. coli*-derived, recombinant human ESM1. That antibody was purified by sequential precipitation caprylic acid and ammonium sulphate.

### Formulation

100µg of Anti Human ESM1 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 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 ESM1 on direct ELISAs.

### Applications

**Indirect ELISA** - This antibody can be used at 3.34ng/mL with the appropriate secondary reagents to detect human ESM1 on indirect ELISA.

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

### ORDER INFORMATION

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