



AVISCERA BIOSCIENCE

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

Product Information

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| Code | A00318-02-100 |
| Name | Human ESM1 Mab |
| Clone No. | 95-1G2 |
| Lot No. | |
| Size | 100 µl |
| Species | Human |
| Host | Mice |
| Immunogen | ESM1 (Human), rec. |
| Ab Type | IgG |
| Purification | sequential precipitation |
| 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 9.42 ng/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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