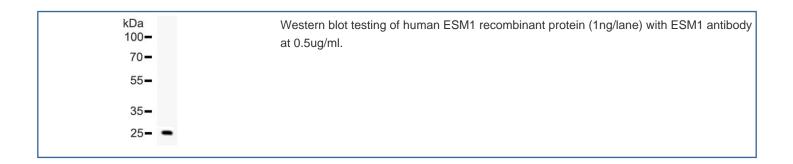


# ESM1 Antibody / Endocan (RQ4471)

Catalog No.	Formulation	Size
RQ4471	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

#### **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9NQ30
Applications	Western Blot : 0.5-1ug/ml
Limitations	This ESM1 antibody is available for research use only.



### **Description**

Endothelial cell-specific molecule 1 is a protein that in humans is encoded by the ESM1 gene. This gene encodes a secreted protein which is mainly expressed in the endothelial cells in human lung and kidney tissues. The expression of this gene is regulated by cytokines, suggesting that it may play a role in endothelium-dependent pathological disorders. The transcript contains multiple polyadenylation and mRNA instability signals. Two transcript variants encoding different isoforms have been found for this gene.

## **Application Notes**

Optimal dilution of the ESM1 antibody should be determined by the researcher.

### **Immunogen**

Human ESM1 recombinant protein (amino acids W20-R184) was used as the immunogen for the ESM1 antibody.

### **Storage**

After reconstitution, the ESM1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.