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
Host	Rabbit
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.



Western blot testing of human ESM1 recombinant protein (1ng/lane) with ESM1 antibody at 0.5ug/ml.

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.

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