

ESM1 Rabbit pAb

Catalog Number: bs-3615R

Target Protein: ESM1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human (predicted:Mouse, Rat, Pig, Cow, Horse)

Predicted MW: 20 kDa

Entrez Gene: 11082

Swiss Prot: Q9NQ30

Source: KLH conjugated synthetic peptide derived from human ESM1: 51-150/184.

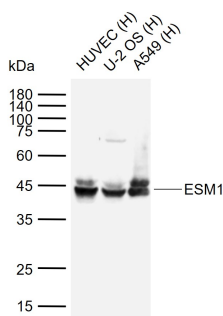
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: ESM1 is a secreted dermatan sulfate proteoglycan which is predominantly expressed in the endothelial cells in human lung and kidney tissues. Expression of ESM1 is regulated by cytokines. ESM1 may have a role in lung endothelial cell-leukocyte interactions. The transcript contains multiple polyadenylation and mRNA instability signals. Two transcript variants encoding different isoforms have been found for this gene.

VALIDATION IMAGES



Sample: Lane 1: Human HUVEC cell lysates Lane 2: Human U-2 OS cell lysates Lane 3: Human A549 cell lysates
Primary: Anti-ESM1 (bs-3615R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 20 kDa Observed band size: 43-47 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=8.897] Wu, Qingsi. et al. Targeted delivery of celastrol to glomerular endothelium and podocytes for chronic kidney disease treatment. Nano Res. 2021 Dec;;1-13 IF ; Mouse . 34925707

[IF=4.522] Zhao H et al. miR - 181a/b - 5p ameliorates inflammatory response in monocrotaline - induced pulmonary arterial hypertension by targeting endocan. J Cell Physiol. 2019 Oct 21. IF,ICC ; Rat . 31637717

[IF=1.6] Hemida Aiat Shaban. et al. EpCAM, Ki67, and ESM1 Predict Hepatocellular Carcinoma Recurrence After Liver Transplantation. APPL IMMUNOHISTO M M. 2023 Sep;31(9):596 IHC ; Human . 37668411

[IF=0] Farahlina Baba. et al. Endocan-microvascular Density in Primary Ovarian Carcinoma. Asian Pac J Cancer P. 2022 Mar 1;23(3):929-935 IHC ; Human . 35345365