

bs-3615R**[Primary Antibody]****BioSS**
ANTIBODIES

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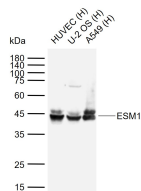
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ESM1 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 11082 Target: ESM1 Immunogen: KLH conjugated synthetic peptide derived from human ESM1: 51-150/184. Purification: affinity purified by Protein A Concentration: 1mg/ml 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.	Isotype: IgG SWISS: Q9NQ30	Applications: WB (1:500-2000) Reactivity: Human (predicted: Mouse, Rat, Pig, Cow, Horse) Predicted MW.: 20 kDa Subcellular Location: Secreted
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— 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

— SELECTED CITATIONS —

- **[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