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## ESM1 Mouse mAb

Catalog Number: bsm-42106M

Target Protein: ESM1

Concentration: 1mg/ml

Form: Size : 50ul/100ul/200ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 1A2

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human (predicted:Mouse, Rat)

Predicted MW: 20 kDa

Entrez Gene: 11082

Swiss Prot: Q9NQ30

Source: Recombinant human ESM1 protein: 22-184/184.

Purification: affinity purified by Protein A

Storage: Size : 50ul/100ul/200ul

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

Size : 200ug (PBS only)

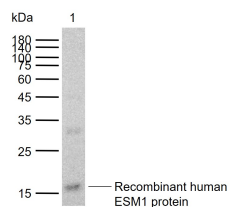
0.01M PBS

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

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Sample: Lane 1: Recombinant human ESM1 protein, N-His(bs-42106P) Primary: Anti-ESM1 (bsm-42106M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 20 kDa  
Observed band size: 17 kDa