

ESM1 Rabbit pAb

Catalog # AP97016

Product Information

Application	WB
Primary Accession	Q9QYY7
Other Accession	Q9QYY7
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20043
Physical State	Liquid
Immunogen	Recombinant mouse ESM1 protein
Epitope Specificity	22-184/184
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 IGFBP N-terminal domain.
SUBUNIT	Monomer.
Post-translational modifications	May contain intrachain disulfide bonds.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	71690
Other Names	endocan; 0610042H23Rik; ESM-1; ESM1_HUMAN; ESM1; ESM1_MOUSE; endothelial cell specific molecule 1; endothelial cell-specific molecule 1
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Esm1
Function	Involved in angiogenesis; promotes angiogenic sprouting. May have potent implications in lung endothelial cell-leukocyte interactions (By similarity).
Cellular Location	Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.