

Product datasheet for DM3543P

OriGene Technologies, Inc.

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Esm1 Rat Monoclonal Antibody [Clone ID: 5F44]

Product data:

Product Type: Primary Antibodies

Clone Name: 5F44
Applications: WB

Recommended Dilution: Western Blot (non-reducing conditions only): 1/500-1/1000.

Reactivity: Mouse
Host: Rat
Isotype: IgG2

Clonality: Monoclonal

Immunogen: Purified Mouse Recombinant Endocan

Specificity: This antibody detects Endocan.

Formulation: 0.2 μm filtered solution in PBS without stabilizer.

State: Purified

State: Lyophilized purified IgG fraction.

Reconstitution Method: Restore with 200 μl sterile PBS and the final concentration is 500 μg/ml.

Purification: Protein A/G Affinity Chromatography.

Conjugation: Unconjugated

Storage: Prior to reconstitution store at -70°C.

Following reconstitution store the antibody (in aliquots) at -20°C for 6 month.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Gene Name: endothelial cell-specific molecule 1

Database Link: Entrez Gene 71690 Mouse

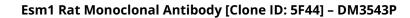
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Background: ESM1 (Endothelial cell-specific molecule 1) is a secreted dermatan sulfate proteoglycan which

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.







Synonyms: Endothelial cell-specific molecule 1, Endocan