

Datasheet for ABIN360884 **anti-ESM1 antibody**



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Overview

Quantity:	0.1 mg
Target:	ESM1
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This ESM1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Purified Mouse Recombinant Endocan
Clone:	5F44
Isotype:	IgG2
Specificity:	This antibody detects Endocan.
Cross-Reactivity (Details):	Species reactivity (tested):Mouse.
Purification:	Protein A/G Affinity Chromatography.
Sterility:	0.2 µm filtered

Target Details

Target:	ESM1
Alternative Name:	ESM1 (ESM1 Products)

Target Details

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: Endocan, Endothelial cell-specific molecule 1
Gene ID:	71690
NCBI Accession:	NP_076101
UniProt:	Q9QYY7
Pathways:	Growth Factor Binding

Application Details

Application Notes:	Western Blot (non-reducing conditions only): 1/500-1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore with 200 µL sterile PBS and the final concentration is 500 µg/mL.
Buffer:	0.2 µm filtered solution in PBS without stabilizer.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Prior to reconstitution store at 2-8 °C. Following reconstitution store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.