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Datasheet for ABIN701640  
**anti-ESM1 antibody (AA 51-150) (Cy5.5)**

### Overview

Quantity:	100 µL
Target:	ESM1
Binding Specificity:	AA 51-150
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ESM1 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ESM1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	ESM1
Alternative Name:	ESM1 ( <a href="#">ESM1 Products</a> )

## Target Details

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Background:	Synonyms: endocan, Endothelial cell-specific molecule 1, ESM-1, ESM1 Background: Involved in angiogenesis, promotes angiogenic sprouting. May have potent implications in lung endothelial cell-leukocyte interactions.
Gene ID:	11082
UniProt:	<a href="#">Q9NQ30</a>
Pathways:	<a href="#">Growth Factor Binding</a>

## Application Details

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Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months