

## Anti-VCAM1 antibody (640-739) [S8MR] (STJ11101668)

STJ11101668

### GENERAL INFORMATION

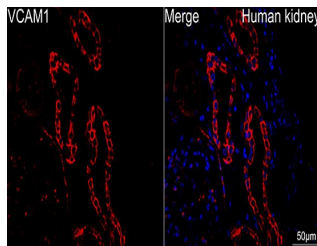
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/CC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

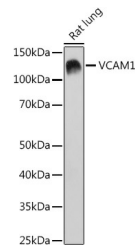
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S8MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:1000-1:2000 IF/CC:1:100-1:800 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	7412
<b>Gene Symbol</b>	VCAM1
<b>Uniprot ID</b>	VCAM1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	640-739
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 640-739 of human VCAM1 (P19320).
<b>Immunogen Sequence</b>	ETGDTVLKSIDGAYTIRKAQ LKDAQVYECESKNKVGSQLR SLTLDVQGRENNKDYFSPQL LVLYFASSLIIPAIGMIYF
<b>Sequence</b>	ARKANMKGYSYSLVEAQSKV



Confocal imaging of human kidney using VCAM1 Rabbit monoclonal antibody (STJ11101668, at dilution of 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.



Western blot analysis of lysates from Rat lung, using VCAM1 Rabbit monoclonal antibody (STJ11101668) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ500056) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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