

## Anti-CEACAM1 antibody (427-526) [S2MR] (STJ11101372)

STJ11101372

### GENERAL INFORMATION

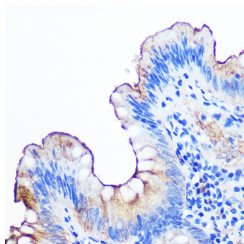
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

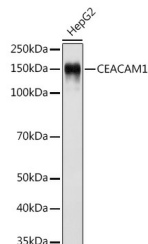
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S2MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration 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>	634
<b>Gene Symbol</b>	CEACAM1
<b>Uniprot ID</b>	CEAM1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	427-526
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 427-526 of human CEACAM1 (P13688).
<b>Immunogen Sequence</b>	PGAIAGIVIGVVVALVALIAV ALACFLHFGKTGRASDQRDL TEHKPSVSNHTQDHSNDPPN KMNEVTYSTLNFEAQQTQP
<b>Sequence</b>	TSASPSLTATEIYSEVKKQ



Immunohistochemistry analysis of paraffin-embedded human appendix using CEACAM1 Rabbit monoclonal antibody (STJ11101372) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of HepG2 cells, using CEACAM1 antibody (STJ11101372) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ3000856) 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: 1s.

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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