

## Anti-CLDN4 antibody (109-209) (STJ114778)

STJ114778

### GENERAL INFORMATION

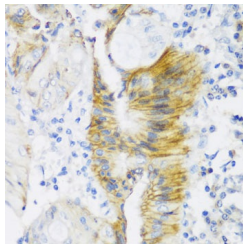
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

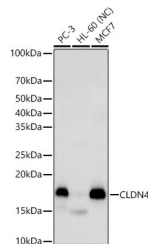
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:2000-1:4000 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	1364
<b>Gene Symbol</b>	CLDN4
<b>Uniprot ID</b>	CLD4_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	109-209
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 109-209 of human CLDN4 (NP_001296.1).
<b>Immunogen Sequence</b>	EDESAAKTMIVAGVVFLLA GLMVIVPSWTAHNIQDFY NPLVAGGQKREMGASLYVGW AASGLLLGGLLCCNCPPR TDPYSAKYSAARSAAASNY V



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using CLDN4 antibody (STJ114778) at dilution of 1:150 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates, using CLDN4 Rabbit polyclonal antibody (STJ114778) at 1:4000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Negative control (NC): HL-60. Exposure time: 30s.

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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