

## Anti-CA9 antibody (200-300) [S1MR] (STJ11102201)

STJ11102201

### GENERAL INFORMATION

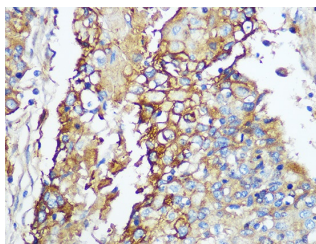
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

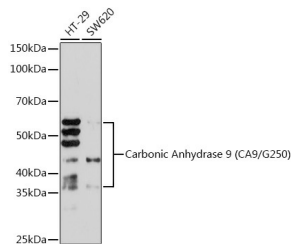
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S1MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration 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>	768
<b>Gene Symbol</b>	CA9
<b>Uniprot ID</b>	CAH9_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	200-300
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Carbonic Anhydrase 9 (CA9/G250) (Q16790).
<b>Immunogen Sequence</b>	HSVQLTLPPLGLEMALGPGRE YRALQLHLHWGAAGRPGSEH TVEGHRFP AEIHVVHLSTAF ARVDEALGRPGGLAVLAFL EEGPEENSAYEQLLSRLEEI A



Immunohistochemistry analysis of Carbonic Anhydrase 9 (CA9/G250) in paraffin-embedded human esophageal tissue using Carbonic Anhydrase 9 (CA9/G250) Rabbit monoclonal antibody (STJ11102201) 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 various lysates using Carbonic Anhydrase 9 (CA9/G250) Rabbit monoclonal antibody (STJ11102201) at 1:1000 dilution. Secondary antibody: HRP-Coat Anti-Rabbit IgG (H+L) (STJ1000856) 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: 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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