

Mouse anti-Human CA IX/Carbonic Anhydrase IX Monoclonal Antibody | anti-CA antibody

CA IX/Carbonic Anhydrase IX Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA276802	Mouse	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

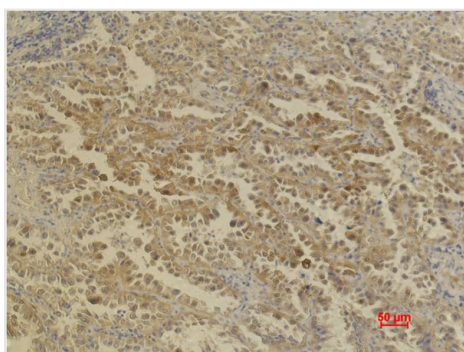
PRODUCT SYNONYMS

CA IX/Carbonic Anhydrase IX; Monoclonal Antibody; CA IX/Carbonic Anhydrase IX Mouse mAb; CA9; CAIX; Carbonate dehydratase IX; Carbonic anhydrase 9; carbonic anhydrase IX; G250; Membrane antigen MN; MN; P54/58N; pMW1; RCC associated antigen G250; anti-CA antibody

PRODUCT SPECIFICATIONS

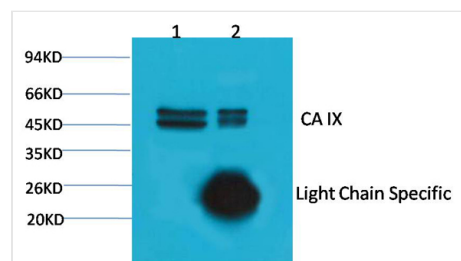
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CA antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Synthetic Peptide
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



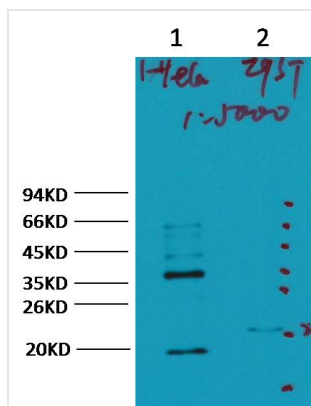
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma using CA IX/Carbonic Anhydrase IX(EM1076)Mouse mAb diluted at 1:200.



Application Data

1. Input: HeLa Cell Lysate 2. IP product: IP dilute 1:200 Western blot analysis: primary antibody : EM1076 1:2,000 Secondary antibody: Goat anti-Mouse IgG, Light chain specific(S003), 1:5,000



WB (Western Blot)

Western blot analysis of 1) Hela, 2) 293T, with CA IX Mouse mAb diluted at 1:5,000.

ADDITIONAL INFORMATION

Related Product Information for anti-CA antibody

The carbonic anhydrases (or carbonate dehydratases) form a family of enzymes that catalyze the rapid interconversion of carbon dioxide and water to bicarbonate and protons (or vice versa), a reversible reaction that occurs rather slowly in the absence of a catalyst. CAIX is considered to be one of the best cellular biomarkers of hypoxia. Furthermore, recent studies examining the association between CAIX levels and various clinicopathological outcomes suggest that CAIX expression may also be a valuable prognostic indicator for overall survival. Antibodies against CAIX serve as excellent biomarkers of hypoxic regions in many solid tumors.

Product Categories/Family for anti-CA antibody

Nucleus; Nucleus; nucleolus; Cell membrane; Cell projection; microvillus membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	119578763
NCBI GeneID	768
UniProt Accession #	Q16790; Q5T4R1
Molecular Weight	49,698 Da
NCBI Official Full Name	carbonic anhydrase IX
NCBI Official Synonym Full Names	carbonic anhydrase 9
NCBI Official Symbol	CA9
NCBI Official Synonym Symbols	MN; CAIX
NCBI Protein Information	carbonic anhydrase 9
UniProt Protein Name	Carbonic anhydrase 9
UniProt Gene Name	CA9
UniProt Synonym Gene Names	G250; MN; CA-IX; CAIX; RCC-associated antigen G250

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/ca-ix-carbonic-anhydrase-ix-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/276802>