BT LAB
Bioassay Technology Laboratory
Optimize Your Research

CA IX Monoclonal Antibody(12F10)

Description

Product type	Primary Antibody
Code	BT-MCA0013
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of CA IX
Mol wt	49698
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IF, ICC, WB, IHC-p, IP
Concentration	1 mg/ml
Full name	Carbonic anhydrase 9
Synonyms	CA9; G250; MN; Carbonic anhydrase 9; Carbonate dehydratase IX; Carbonic anhydrase IX; CA-IX; CAIX; Membrane antigen MN; P54; 58N; Renal cell carcinoma-associated antigen G250; RCC-associated antigen G250; pMW1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Recommended Dilution

IF: 1:50-200

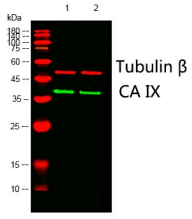
IHC: 1:50-300

IP: 1:200

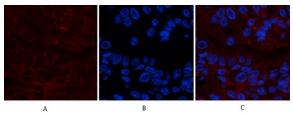
WB: 1:3000

Not yet tested in other applications.

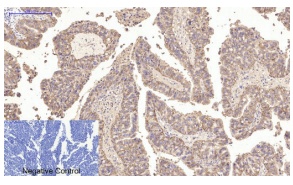
Images



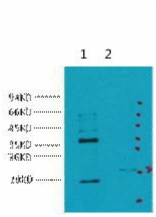
Western blot analysis of lysates from 1) Hela, 2) 293T cells, (Green) primary antibody was diluted at 1:1000, 4°overnight, Dylight 800 secondary antibody was diluted at 1:10000, 37°C 1hour. (Red) Tubulin Beta Polyclonal Antibody antibody was diluted at 1:5000 as loading control, 4°C overnight,Dylight 680 secondary antibody was diluted at 1:10000, 37°C 1hour.



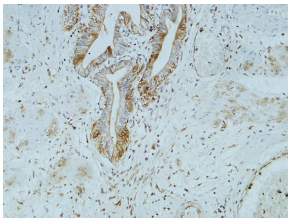
Immunofluorescence analysis of human-liver-cancer tissue. 1.CA IX Monoclonal antibody(12F10) (red) was diluted at 1:200(4°C,overnight). 2. Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B.



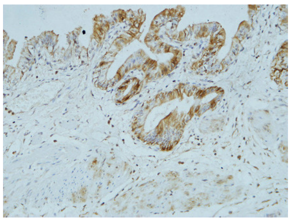
Immunohistochemical analysis of paraffin-embedded Human-lung-cancer tissue. 1.CA IX Monoclonal antibody(12F10) was diluted at 1:200(4°C,overnight). 2.Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3.Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



Western blot analysis of 1) Hela, 2) 293T diluted at 1:5000.



Immunohistochemical analysis of paraffin-embedded Human gallbladder.1.Antibody was diluted at 1:100(4°C overnight). 2.High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature, 30min).



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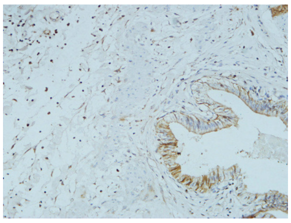

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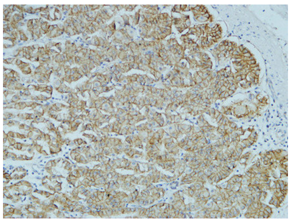
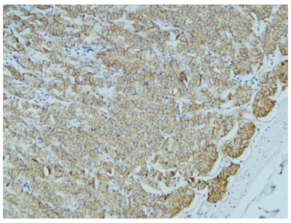


Immunohistochemical analysis of paraffin-embedded Human stomach.1.Antibody was diluted at 1:100(4°C overnight). 2.High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature, 30min).



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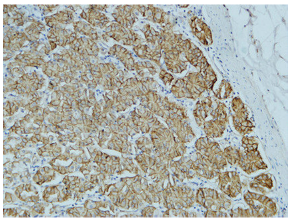

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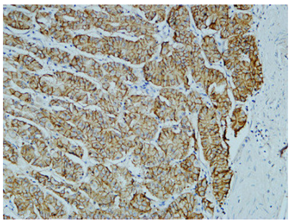

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Storage

-20°C for one year

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