

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

N/A

Recommended Dilution

IF: 1:50-200

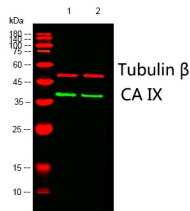
IHC: 1:50-300

IP: 1:200

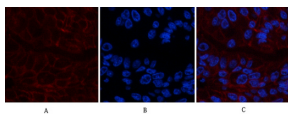
WB: 1:3000

Not yet tested in other applications.

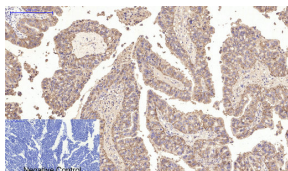
Images



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.

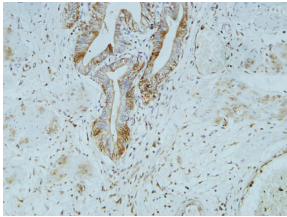
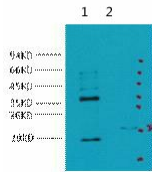


Immunofluorescence analysis of human-liver-cancer tissue. 1. CA IX Monoclonal antibody(12F10) (red) was diluted at 1:200(4°C, overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min). 3. Picture B: DAPI(blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge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

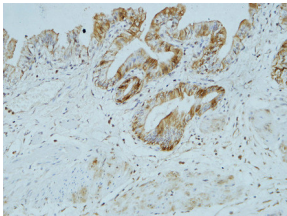


Immunohistochemical analysis of paraffin-embedded Human-lung-cancer tissue. 1. CA IX Monoclonal antibody(12F10) was diluted at 1:200(4°C, overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3. Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control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

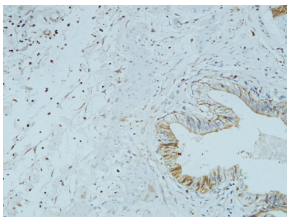
Western blot analysis of 1) HeLa, 2) 293T diluted at 1:5000.



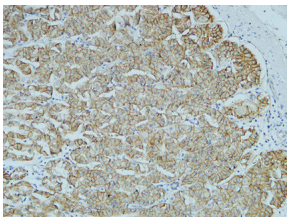
Immunohistochemical analysis of paraffin-embedded Human gallbladder.1.Antibody was diluted at 1:100(4°C overnight). 2.High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature, 30min).



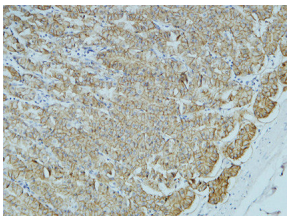
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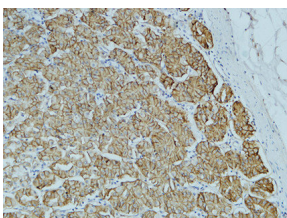
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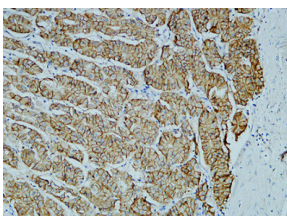
Immunohistochemical analysis of paraffin-embedded Human stomach.1.Antibody was diluted at 1:100(4°C overnight). 2.High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature, 30min).



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Storage

-20°C for one year

