

Cystatin C mouse Monoclonal Antibody(7F11)

Description

Product type	Primary Antibody
Code	BT-MCA0029
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of Cystatin C of CST3
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IF, ICC, WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	CST3
Synonyms	CST3

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

Background

The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions, where they appear to provide protective functions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes the most abundant extracellular inhibitor of cysteine proteases, which is found in high concentrations in biological fluids and is expressed in virtually all organs of the body. A mutation in this gene has been associate

Recommended Dilution

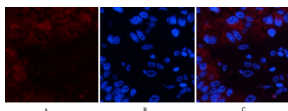
IF: 1:50-200

IHC: 1:100-200

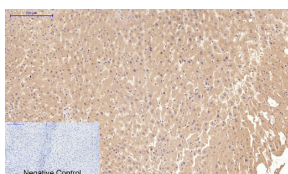
WB: 1:1000-2000

Not yet tested in other applications.

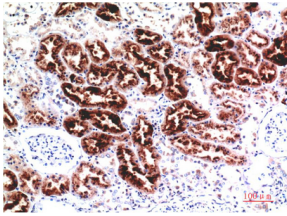
Images



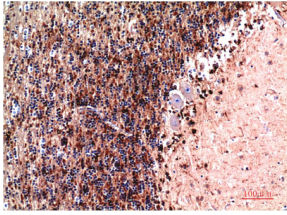
Immunofluorescence analysis of human-liver-cancer tissue. 1.Cystatin C Mouse Monoclonal antibody(7F11)(red) was diluted at 1:200(4°C,overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



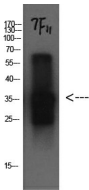
Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1.Cystatin C Mouse Monoclonal antibody(7F11) was diluted at 1:200(4°C,overnight). 2.Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3.Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



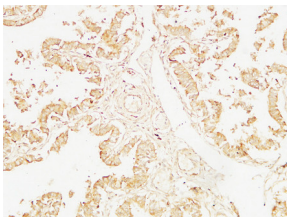
Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using Cystatin C Mouse Monoclonal antibody diluted at 1:200



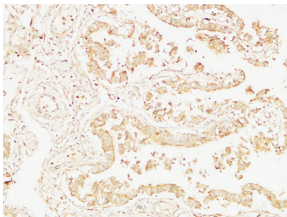
Immunohistochemical analysis of paraffin-embedded Human Brain Tissue using Cystatin C Mouse Monoclonal antibody diluted at 1:200.



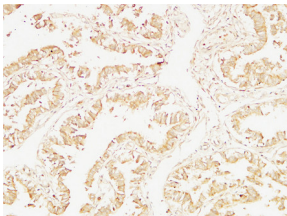
Western Blot analysis of Cystatin C protein using antibody diluted at 1:1000



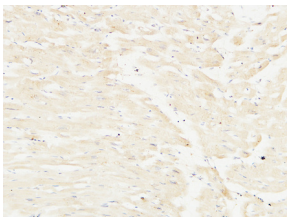
Immunohistochemical analysis of paraffin-embedded Human Fallopian tube. 1. Antibody was diluted at 1:400 (4°C overnight). 2. High-pressure and temperature EDTA, pH 8.0 was used for antigen retrieval. 3. Secondary antibody was diluted at 1:200 (room temperature, 30 min).



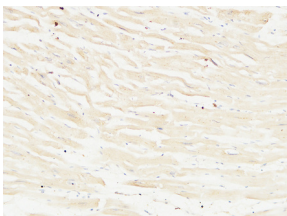
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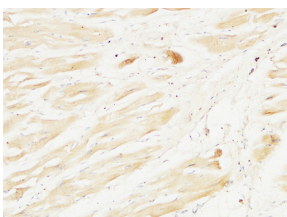
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Immunohistochemical analysis of paraffin-embedded Human heart. 1. Antibody was diluted at 1:100 (4°C overnight). 2. High-pressure and temperature EDTA, pH 8.0 was used for antigen retrieval. 3. Secondary antibody was diluted at 1:200 (room temperature, 30 min).



Immunohistochemical analysis of paraffin-embedded Human heart. 1. Antibody was diluted at 1:100 (4°C overnight). 2. High-pressure and temperature EDTA, pH 8.0 was used for antigen retrieval. 3. Secondary antibody was diluted at 1:200 (room temperature, 30 min).



Immunohistochemical analysis of paraffin-embedded Human heart. 1. Antibody was diluted at 1:100 (4°C overnight). 2. High-pressure and temperature EDTA, pH 8.0 was used for antigen retrieval. 3. Secondary antibody was diluted at 1:200 (room temperature, 30 min).

-20°C for one year

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