

# Cystatin C mouse Monoclonal Antibody(5A2)

#### Description

Product type Primary Antibody

Code BT-MCA0416

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 WB, IHC-p, IF, 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

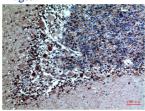
The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 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

IHC: 1:100-200 WB: 1:1000-2000

Not yet tested in other applications.

### Images



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

## Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com