CYSTATIN C (7E3) MOUSE MAB

Cat.#: N261313

Product Name: Anti-Cystatin C (7E3) Mouse Monoclonal Antibody

Synonyms: CST3; Cystatin-C; Cystatin-3; Gamma-trace; Neuroendocrine basic polypeptide; Post-gamma-globulin

UNIPROT ID: P01034

Background: Cystatin C is a 14 kDa member of the Cystatin superfamily of cysteine protease inhibitors. Most cell types secrete Cystatin C. Cystatin C inhibits cathepsins, and thereby may function as a tumor suppressor by inhibiting cathepsin mediated tumor cell invasion. In addition, this tumor suppressor function can also be attributed to Cystatin C's ability to antagonize TGF-β1 signaling.

Immunogen: Purified recombinant protein expressed in E.coli.

Applications: WB,IHC-P,ELISA

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 7E3-4G2-9C8

MW: Calculated MW: 16 kDa; Observed MW: 16 kDa

Isotype: IgG1

Purification: Affinity Purified
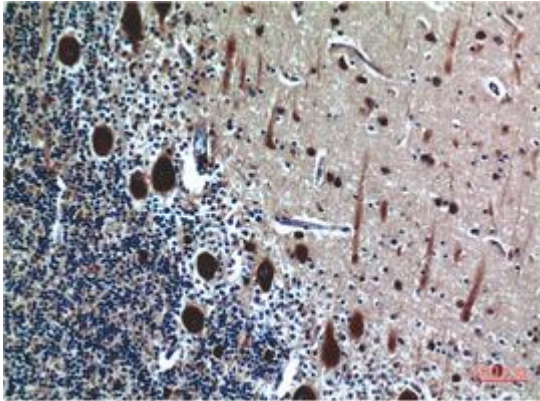
Species Reactivity: Human

Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Tags & Cell Markers

Storage & Shipping: Store at -20ºC. Avoid repeated freezing and thawing

Immunohistochemical analysis of paraffin-embedded Human tonsils using Cystatin C (7E3) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.
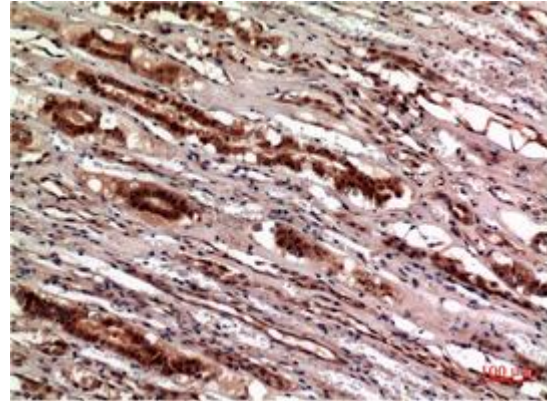
Immunohistochemistry analysis of paraffin-embedded Human Kidney Tissue using Cystatin C (7E3) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.
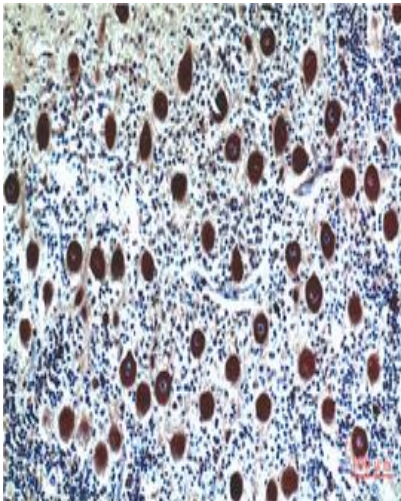
Immunohistochemistry analysis of paraffin-embedded Human Brain Tissue using Cystatin C antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.