

## CYSTATIN C (6A4) MOUSE MAB

**Cat.#:** N261312

**Product Name:** Anti-Cystatin C (6A4) 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- $\beta$ 1 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:** 6A4-8C9-4B1

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

**Isotype:** IgG1

**Purification:** Affinity Purified

**Species Reactivity:** Human

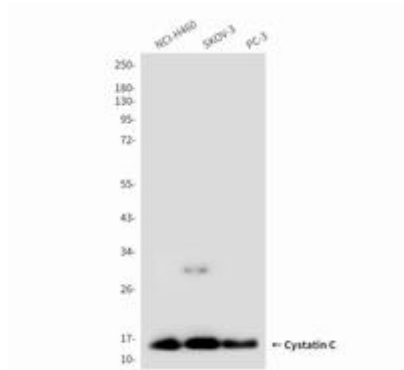
**Conjugation:** Unconjugated

**Modification:** Unmodified

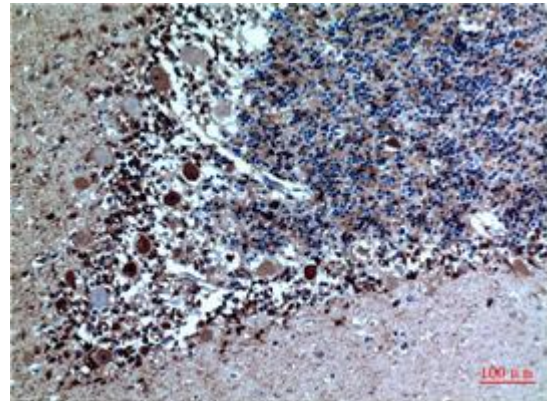
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Tags & Cell Markers

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Cystatin C (6A4) in NCIH460, SKOV-3, PC-3 lysates using Cystatin C (6A4) antibody



Immunohistochemistry analysis of paraffin-embedded Human Brain Tissue using Cystatin C (6A4) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.