

Product Datasheet

Cystatin C Antibody

Catalog No: CY5994

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P01034

All Names: ARMD11; MGC117328; CST3; AD8; CystatinC; HCCAA; Cystatin3;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 14 kDa

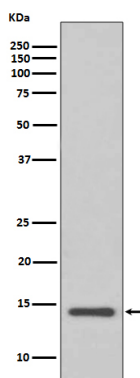
Application

WB 1:500~1:2000

IHC 1:50~1:200

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- β 1 signaling. Cystatin C may also modulate antigen presentation through its ability to inhibit cathepsins. Cystatin C is also a biomarker for kidney dysfunction.



Western blot analysis of Cystatin C expression in HeLa cell lysate.

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