

KD-Validated Anti-Cystatin C Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

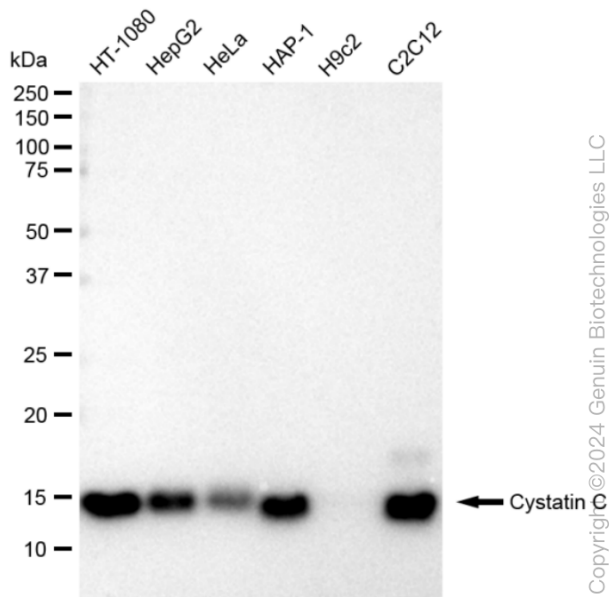
ABG1440

Product Overview

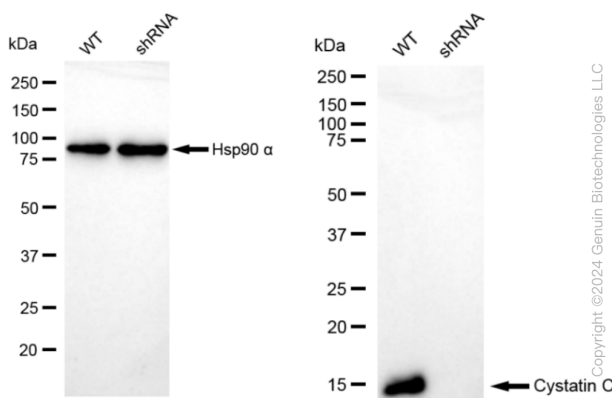
Name	KD-Validated Anti-Cystatin C Rabbit Monoclonal Antibody
Accession(Primary)	P01034
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Cystatin C
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 16 kDa , observed, 14 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Immunocytochemistry (IC): 1:1,000

Target information (P01034)

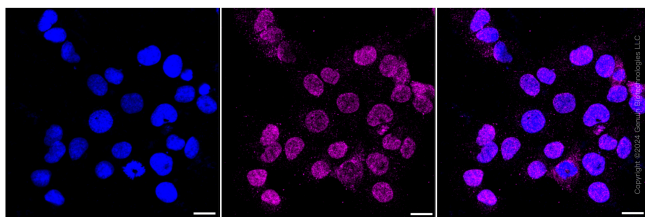
Gene Name	CST3
About Gene Symbol	CST3 (Cystatin C) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



Western blotting analysis using anti-Cystatin C antibody (Cat#ABG1440). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Cystatin C antibody (Cat#ABG1440, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Cystatin C antibody (Cat#ABG1440). Cystatin C expression in wild type (WT) and cystatin C shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Cystatin C antibody (Cat#ABG1440, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HT-1080 cells with Cystatin C antibody (Cat#ABG1440, 1:1,000). Nuclei were stained blue with DAPI; Cystatin C was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.