

Cystatin C (7F11) Mouse mAb

Cat No: HR1AM2386

For research use only

Overview

Product Name	Cystatin C (7F11) Mouse mAb
Source	Mouse
Applications	WB, IHC, ELISA
Species Reactivity	Human
Recommended Dilutions	WB 1:1,000-2,000 IHC 1:100-200 ELISA 1:10,000-20,000
Immunogen	
Species	Mouse
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1mg/ml
Observed band	14kDa
GeneID?Human?	1471
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	AD8, Cystatin3, Gamma trace, HCCAA
Background	Cystatin C is a 13-kDa inhibitor of cysteine proteinases which is secreted by all cell types and is completely cleared from the organism through glomerular filtration, shown to be an early and sensitive biomarker of renal dysfunction. A mutation in Cystatin C has been associated with amyloid angiopathy. Expression of this protein in vascular wall smooth muscle cells is severely reduced in both atherosclerotic and aneurysmal aortic lesions, establishing its role in vascular disease. In addition, this protein has been shown to have an antimicrobial function, inhibiting the replication of herpes simplex virus.