



20150116ML

# Anti-Human Cystatin C (#3N39)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>101-M368</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant Cystatin-C.

## Target Background

<b>Synonyms (Target):</b>	CST3; ARMD11
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Cystatin C is a member of family 2 of the cystatin superfamily. It inhibits many cysteine proteases such as papain and Cathepsins B, H, K, L and S. It is ubiquitous in human tissues and body fluids. A point mutation in the gene coding for the 120 amino acid mature Cystatin C causes a hereditary form of amyloid angiopathy in which the protein variant (Leu 68 to Gln) is deposited in the cerebral arteries, leading to fatal cerebral hemorrhage.

## Database References Target

<b>Protein RefSeq:</b>	NP_000090.1
<b>Uniprot ID:</b>	P01034
<b>mRNA RefSeq:</b>	NM_000099.2

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#3N39)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	human recombinant Cystatin C
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	PBS (sterile)

**Reconstitution:** Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

**Remarks:** This antibody was selected for its ability to detect human Cystatin-C.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:  
WB

**Recommended usage:**

WB 1:500 - 1:1000

**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**



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## Application/Handling

