



20150116ML

# Anti-Human Cystatin B (#3F13)

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

<b>Cat.-no.:</b>	<b>101-M367</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-B.

## Target Background

<b>Synonyms (Target):</b>	CSTB; PME; ULD; CST6; EPM1; STFB; EPM1A
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Cystatin B, also known as Stefin B or liver thiol proteinase inhibitor, is a member of family 1 of the cystatin superfamily. It is a 98 amino acid, intracellular inhibitor regulating the activities of cysteine proteases of the papain family such as Cathepsins B, H and L.

## Database References Target

<b>Protein RefSeq:</b>	NP_000091.1
<b>Uniprot ID:</b>	P04080
<b>mRNA RefSeq:</b>	NM_000100.2

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#3F13)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	human recombinant Cystatin B
<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-B.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

WB, N

### Recommended usage:

**WB:** 1:500-1000

**Neutralization** of Cystatin-A bioactivity

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