

## Cystatin B Antibody (Clone RJMW2E7)

<b>CATALOG #:</b>	3487-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>CLONE#:</b>	RJMW2E7
<b>ISOTYPE:</b>	Mouse IgG1
<b>IMMUNOGEN:</b>	Human spleen Cystatin B
<b>SPECIES REACTIVITY:</b>	Human

### FORMULATION:

100 µg Protein G purified mouse anti-Cystatin B monoclonal antibody (mouse IgG1) in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

### STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

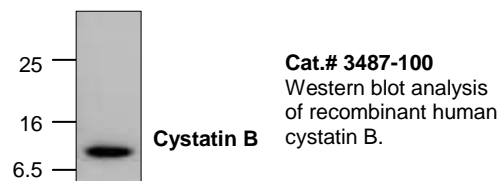
### BACKGROUND:

Cystatin B (stefin B, NCPI) is a natural inhibitor of lysosomal cysteine proteases (cathepsins). Its expression seems to be connected to the regulation of proteolysis which is essential for many physiological and pathological processes.

### APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml) and immunohistochemistry (10-20 µg/ml). However, the optimal conditions should be determined individually.

**SPECIFICITY:** Recognizes human cystatin B. Does not cross-react with cystatin A.



**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

#### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

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- Akt & JNK Activity Assay Kits
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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
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- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies