



20150116ML

Anti-Mouse Cystatin H (#8D33)

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

Cat.-no.:	103-M369
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 rat) immunized with mouse recombinant protein of Cystatin H (Cystatin/Stefin Homolog).

Target Background

Synonyms (Target):	Ctsh; AL022844
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Cystatin SA is a member of family 2 of the cystatin superfamily. Together with cystatins S and SN, it is produced by the salivary gland and secreted largely in the submandibular/sublingual saliva. Cystatin SA inhibits Cathepsin L, but may not inhibit Cathepsins B and H.

Database References Target

Protein RefSeq:	NP_001028411.1
Uniprot ID:	P56567
mRNA RefSeq:	NM_001033239.3

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#8D33)
Isotype	IgG2
Purification	Protein G/A chromatography
Antigen	Mouse recombinant Cystatin-H
Formulation	lyophilized
Reconstitution buffer	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 detects specifically mouse Cystatin-H with WB.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:
WB, N

Recommended usage:

WB: 1:500-2000

Neutralization: Yes

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