



20150116ML

# Anti-Mouse Cystatin E-M (#6F49)

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

<b>Cat.-no.:</b>	<b>103-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 rat) immunized with mouse recombinant protein of Cystatin E/M.

## Target Background

<b>Synonyms (Target):</b>	Cst6; ichq; N28197; 1110017E11Rik
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Cystatin E/M is a member of family 2 of the cystatin superfamily. It inhibits papain and Cathepsin B. In addition to being a cysteine protease inhibitor, Cystatin E/M is also a substrate for transglutaminases. It is required for viability and for correct formation of cornified layers in the epidermis and hair follicles.

## Database References Target

<b>Protein RefSeq:</b>	NP_082899.1
<b>Uniprot ID:</b>	Q9D1B1
<b>mRNA RefSeq:</b>	NM_028623.5

## Product Specifications

<b>Host</b>	Rat
<b>Reactivity against</b>	Mouse
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#6F49)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	Mouse recombinant Cystatin-E-M
<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 detects specifically mouse Cystatin-E/M 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!**