



20150116ML

Anti-Mouse Cathepsin-3 (#2K13)

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

Cat.-no.:	103-M310
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 Cathepsin-3.

Target Background

Synonyms (Target):	Cts3; 1600000I23Rik
---------------------------	---------------------

The gene encoding Cathepsin 3 is located in a dense cluster of genes on chromosome 13 that encode placental-specific cysteine proteases.

Database References Target

Protein RefSeq:	NP_081182
Uniprot ID:	Q91ZD5
mRNA RefSeq:	NM_026906

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#2K13)
Isotype	IgG2
Purification	Protein G/A chromatography
Antigen	recombinant mouse Cathepsin-3
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 mouse Cathepsin-3 in Western blotting.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: 1:500-1000

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