



20150116ML

Anti-Mouse Cystatin B (#45N2)

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

Cat.-no.:	103-M366
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 B.

Target Background

Synonyms (Target):	Cstb; Stfb; AA960480
---------------------------	----------------------

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

Protein RefSeq:	NP_031819.1
Uniprot ID:	Q62426
mRNA RefSeq:	NM_007793.3

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#45N2)
Isotype	IgG2
Purification	Protein G/A chromatography
Antigen	mouse recombinant Cystatin B
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-B with WB.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

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

Recommended usage:

WB: 1:500-2000**IHC (frozen) :** 1:100-200Yes

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