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Datasheet for ABIN1993084  
**anti-Myonase antibody (AA 21-246) (FITC)**

### Overview

Quantity:	100 µg
Target:	Myonase (MCPT4)
Binding Specificity:	AA 21-246
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myonase antibody is conjugated to FITC
Application:	ELISA, Western Blotting (WB)

### Product Details

Immunogen:	Recombinant Mouse Mast cell protease 4 protein (21-246AA)
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	>95%, Protein G purified

### Target Details

Target:	Myonase (MCPT4)
Alternative Name:	Mcpt4 ( <a href="#">MCPT4 Products</a> )
Background:	Background: Has chymotrypsin-like activity. Hydrolyzes the amide bonds of synthetic substrates having Tyr and Phe residues at the P1 position. Preferentially hydrolyzes the \Tyr-4-

## Target Details

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Ile-5' bond of angiotensin I and the 'Phe-20-I-Ala-21' bond of amyloid beta-protein, and is less active towards the 'Phe-8-I-His-9' bond of angiotensin I and the 'Phe-4-I-Ala-5' and 'Tyr-10-I-Glu-11' bonds of amyloid beta-protein. Involved in thrombin regulation and fibronectin processing.

Aliases: Mast cell protease 4 antibody, Mcp 4 antibody, Mcpt4 antibody, MCPT4\_MOUSE antibody, MMCP 4 antibody, MMCP 4A antibody, MMCP 4B antibody, MMCP-4 antibody, MMCP4 antibody, MMCP4A antibody, MMCP4B antibody, MSMCP antibody, Myonase antibody, Serosal mast cell protease antibody

UniProt: [P21812](#)

## Application Details

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Application Notes: Optimal working concentration should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin™: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.