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Datasheet for ABIN7164983

**anti-PSMB5 antibody (AA 106-188) (Biotin)**

## Overview

Quantity:	100 µg
Target:	PSMB5
Binding Specificity:	AA 106-188
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMB5 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Proteasome subunit beta type-5 protein (106-188AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	PSMB5
Alternative Name:	PSMB5 ( <a href="#">PSMB5 Products</a> )
Background:	Background: The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at

## Target Details

neutral or slightly basic pH . The proteasome has an ATP-dependent proteolytic activity. This unit is responsible of the chymotrypsin-like activity of the proteasome and is one of the principal target of the proteasome inhibitor bortezomib. May catalyze basal processing of intracellular antigens. Plays a role in the protection against oxidative damage through the Nrf2-ARE pathway (By similarity).

Aliases: DKFZp459C139 antibody, EC 3.4.25.1 antibody, LMPX antibody, Macropain epsilon chain antibody, MB1 antibody, MGC104214 antibody, MGC118075 antibody, MGC134464 antibody, Multicatalytic endopeptidase complex epsilon chain antibody, Proteasome (prosome, macropain) subunit, beta type, 5 antibody, Proteasome beta 5 subunit antibody, Proteasome catalytic subunit 3 antibody, Proteasome chain 6 antibody, Proteasome epsilon chain antibody, Proteasome subunit beta type-5 antibody, Proteasome subunit MB1 antibody, Proteasome subunit X antibody, Proteasome subunit, beta type, 5 antibody, Proteasome subunit, beta-5 antibody, PSB5\_HUMAN antibody, PSMB5 antibody, PSX large multifunctional protease X antibody, X antibody

UniProt: [P28074](#)

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Synthesis of DNA](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

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.

Storage: -20 °C,-80 °C

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