

Datasheet for ABIN680700

**anti-PSMB9 antibody (AA 101-219) (Biotin)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PSMB9
Binding Specificity:	AA 101-219
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMB9 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Proteasome 20S LMP2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	PSMB9
Alternative Name:	LMP2 ( <a href="#">PSMB9 Products</a> )

## Target Details

Background:	<p>Synonyms: LMP2, PSMB6i, RING12, beta1i, Proteasome subunit beta type-9, Low molecular mass protein 2, Macropain chain 7, Multicatalytic endopeptidase complex chain 7, Proteasome chain 7, Proteasome subunit beta-1i, Really interesting new gene 12 protein, PSMB9</p> <p>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 neutral or slightly basic pH . The proteasome has an ATP-dependent proteolytic activity. This subunit is involved in antigen processing to generate class I binding peptides. Replacement of PSMB6 by PSMB9 increases the capacity of the immunoproteasome to cleave model peptides after hydrophobic and basic residues.</p>
Gene ID:	5698
UniProt:	<a href="#">P28065</a>
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a>

## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months