

# Proteasome beta 9 Rabbit mAb

Catalog # AP75958

## Product Information

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<b>Application</b>	WB, ICC
<b>Primary Accession</b>	<a href="#">P28065</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	23264

## Additional Information

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<b>Gene ID</b>	5698
<b>Other Names</b>	PSMB9
<b>Dilution</b>	WB~~1/500-1/1000 ICC~~N/A
<b>Format</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

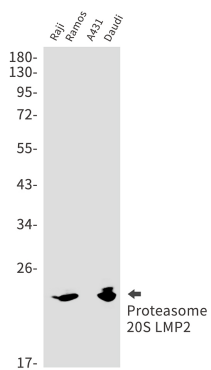
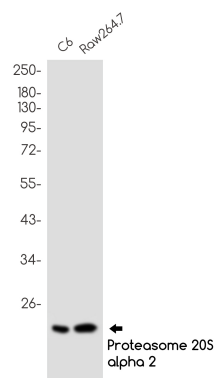
## Protein Information

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<b>Name</b>	PSMB9
<b>Synonyms</b>	LMP2, PSMB6i, RING12
<b>Function</b>	<p>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 (PubMed:<a href="#">33727065</a>, PubMed:<a href="#">34819510</a>). 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>
<b>Cellular Location</b>	Cytoplasm {ECO:0000255   PROSITE-ProRule:PRU00809}. Nucleus

## Images

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