



PSMB9 (PT2002R) Mouse mAb

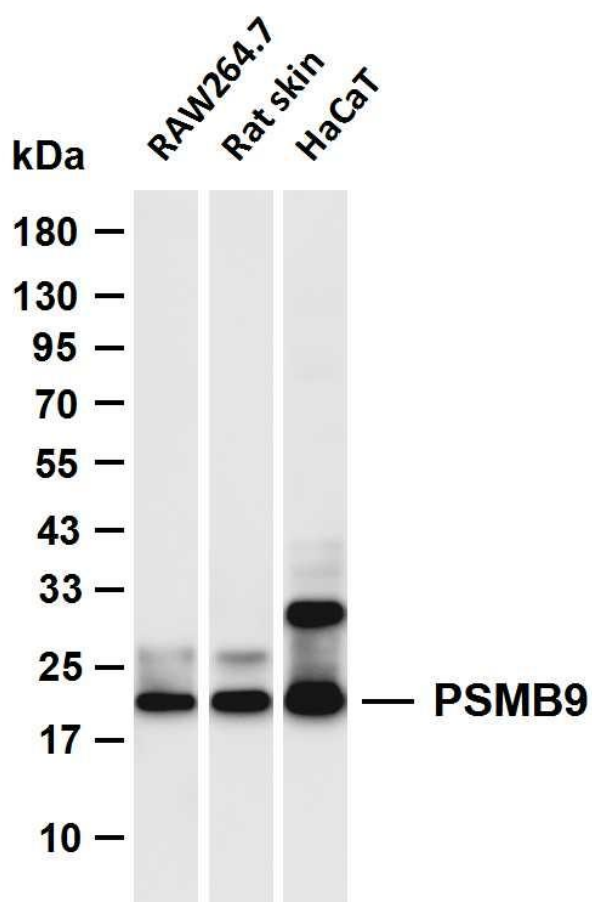
Catalog No	YP-mAb-19458
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	PSMB9 LMP2 PSMB6i RING12
Immunogen	The specific immunogen used to produce this antibody is proprietary information.
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal,Mouse,IgG
Purification	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	PSMB9 LMP2 PSMB6i RING12;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)
Observed Band	21kD
Calculated Molecular Weight	23kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	
Function	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.
Background	

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PSMB9 (PT2002R) antibody. The HRP-conjugated Goat anti-mouse IgG (H + L) antibody was used to detect the antibody. Lane 1: RAW264.7 Lane 2: Rat skin Lane 3: HaCaT Predicted band size: 23kDa Observed band size: 21kDa