

KD-Validated Anti-PSMB10 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1075

Product Information

Application	WB, FC
Primary Accession	P40306
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 2165
Calculated MW	28936
Gene Name	PSMB10
Aliases	PSMB10; Proteasome 20S Subunit Beta 10; LMP10; MECL1; Proteasome (Prosome, Macropain) Subunit, Beta Type, 10; Multicatalytic Endopeptidase Complex Subunit MECL-1; Proteasome Subunit Beta Type-10; Low Molecular Mass Protein 10; Proteasome Subunit Beta 10; Proteasome Subunit Beta-2i; Macropain Subunit MECL-1; Proteasome MECL-1; EC 3.4.25.1; MGC1665; Beta2i; Proteasome Catalytic Subunit 2i; Proteasome Subunit Beta 7i; Proteasome Subunit Beta2i; Proteasome Subunit MECL1; Proteasome Subunit B2i; PRAAS5; BETA2I
Immunogen	A synthesized peptide derived from human PSMB10

Additional Information

Gene ID	5699
Other Names	Proteasome subunit beta type-10, 3.4.25.1, Low molecular mass protein 10, Macropain subunit MECL-1, Multicatalytic endopeptidase complex subunit MECL-1, Proteasome MECL-1, Proteasome subunit beta-2i, PSMB10, LMP10, MECL1

Protein Information

Name	PSMB10
Synonyms	LMP10, MECL1
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.
Cellular Location	Cytoplasm {ECO:0000255 PROSITE-ProRule:PRU00809}. Nucleus

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