

Anti-PSMB10 Rabbit Monoclonal Antibody

Catalog # ABO16505

Product Information

Application	WB, IF, ICC
Primary Accession	P40306
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-PSMB10 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human.

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
Calculated MW	28936
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: 30P41 A synthesized peptide derived from human PSMB10
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	PSMB10
Synonyms	LMP10, MECL1

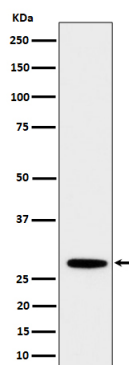
Function

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

Images



Western blot analysis of PSMB10 expression in Daudi cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.