

**Anti-PSMB10 Rabbit Monoclonal Antibody**  
**Catalog # ABO16489****Specification**

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**Anti-PSMB10 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P40306</a>
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-PSMB10 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

**Anti-PSMB10 Rabbit Monoclonal Antibody - 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**

27 kDa KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200

**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.

**Immunogen**

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.**

**Anti-PSMB10 Rabbit Monoclonal Antibody - 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**

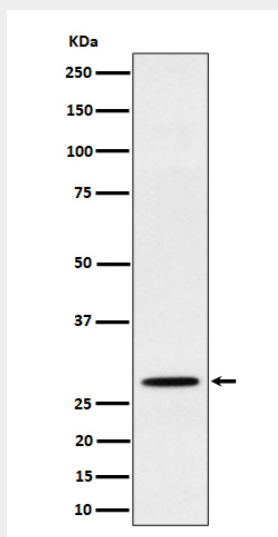
Cytoplasm {ECO:0000255|PROSITE-ProRule:PRU00809}. Nucleus

**Anti-PSMB10 Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-PSMB10 Rabbit Monoclonal Antibody - Images**



Western blot analysis of PSMB10 expression in Raji cell lysate.