

**PSMC5 Rabbit mAb**  
**Catalog # AP75971****Specification**

---

**PSMC5 Rabbit mAb - Product Information**

Application	WB, IP, ICC
Primary Accession	<a href="#">P62195</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	45626

**PSMC5 Rabbit mAb - Additional Information****Gene ID** 5705**Other Names**  
PSMC5**Dilution**  
WB~~1/500-1/1000  
IP~~1/20  
ICC~~N/A**Format**  
Liquid**PSMC5 Rabbit mAb - Protein Information****Name** PSMC5**Synonyms** SUG1**Function**

Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair. PSMC5 belongs to the heterohexameric ring of AAA (ATPases associated with diverse cellular activities) proteins that unfolds ubiquitinated target proteins that are concurrently translocated into a proteolytic chamber and degraded into peptides.

**Cellular Location**  
Cytoplasm. Nucleus.

## PSMC5 Rabbit mAb - 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](#)

## PSMC5 Rabbit mAb - Images



