

### **Anti-PSMD4 Rabbit Monoclonal Antibody**

**Catalog # ABO15485** 

### **Specification**

## **Anti-PSMD4 Rabbit Monoclonal Antibody - Product Information**

Application WB, IP, FC
Primary Accession P55036
Host Rabbit
Isotype IgG

Reactivity Rat, Human, Mouse

Clonality Monoclonal Format Liquid

**Description** 

Anti-PSMD4 Rabbit Monoclonal Antibody . Tested in WB, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

## **Anti-PSMD4 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID 5710** 

#### **Other Names**

26S proteasome non-ATPase regulatory subunit 4, 26S proteasome regulatory subunit RPN10, 26S proteasome regulatory subunit S5A, Antisecretory factor 1, AF, ASF, Multiubiquitin chain-binding protein, PSMD4, MCB1

#### **Application Details**

WB 1:500-1:2000<br>IP 1:50<br>FC 1:100

#### **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.

#### **Immuno**aen

A synthesized peptide derived from human PSMD4

#### **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-PSMD4 Rabbit Monoclonal Antibody - Protein Information**

Name PSMD4

Synonyms MCB1



#### **Function**

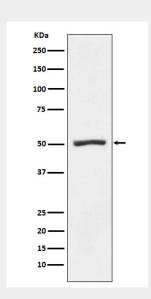
Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair. PSMD4 acts as an ubiquitin receptor subunit through ubiquitin- interacting motifs and selects ubiquitin-conjugates for destruction. Displays a preferred selectivity for longer polyubiquitin chains.

### **Anti-PSMD4 Rabbit Monoclonal Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **Anti-PSMD4 Rabbit Monoclonal Antibody - Images**



Western blot analysis of Proteasome 19S S5A expression in K562 cell lysate.