

Datasheet for ABIN6977701

**anti-PSME1 antibody (AA 181-249) (AbBy Fluor® 488)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PSME1
Binding Specificity:	AA 181-249
Reactivity:	Mouse, Rat, Cynomolgus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSME1 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PSME1
Isotype:	IgG
Cross-Reactivity:	Cynomolgus, Mouse, Rat
Predicted Reactivity:	Human,Cow,Pig
Purification:	Purified by Protein A.

## Target Details

Target:	PSME1
Alternative Name:	PSME1 ( <a href="#">PSME1 Products</a> )

## Target Details

---

**Background:** Synonyms: 11S regulator complex alpha subunit, 11S regulator complex subunit alpha, 29 kD MCP activator subunit, 29kD MCP activator subunit, Activator of multicatalytic protease subunit 1, IFI5111, IGUP I-5111, Interferon gamma IEF SSP 5111, Interferon gamma inducible protein 5111, Interferon gamma up regulated I 5111 protein, Interferon gamma up-regulated I-5111 protein, MGC8628, PA28a, PA28alpha, Proteasome (prosome, macropain) activator subunit 1 (PA28 alpha), Proteasome activator 28 subunit alpha, Proteasome activator complex subunit 1, Proteasome activator subunit 1, PSME1, PSME1\_HUMAN, REG-alpha, REGalpha

**Background:** Implicated in immunoproteasome assembly and required for efficient antigen processing. The PA28 activator complex enhances the generation of class I binding peptides by altering the cleavage pattern of the proteasome.

---

**Gene ID:** 5720

---

**UniProt:** [Q06323](#)

---

**Pathways:** [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Positive Regulation of Endopeptidase Activity](#), [Synthesis of DNA](#)

---

## Application Details

---

**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

---

**Restrictions:** For Research Use only

---

## Handling

---

**Format:** Liquid

---

**Concentration:** 1 µg/µL

---

**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

---

**Preservative:** ProClin

---

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

---

**Storage:** -20 °C

---

**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

---

## Handling

---

Expiry Date: 12 months