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### anti-PSMB1 antibody

3 Images



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#### Overview

Quantity:	100 μL
Target:	PSMB1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

#### **Product Details**

Immunogen:	Recombinant full length protein of human PSMB1
Specificity:	Recognizes endogenous levels of PSMB1 protein.
Characteristics:	Rabbit polyclonal antibody to PSMB1
Purification:	The antibody was purified by immunogen affinity chromatography.

#### **Target Details**

Target:	PSMB1
Alternative Name:	PSMB1 (PSMB1 Products)
Background:	PSC5, Proteasome subunit beta type-1, Macropain subunit C5, Multicatalytic endopeptidase complex subunit C5, Proteasome component C5, Proteasome gamma chain

#### **Target Details**

Gene ID:	5689, 19170, 94198
UniProt:	P20618, 009061, P18421
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA

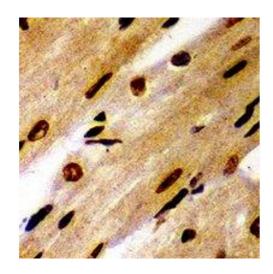
#### **Application Details**

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only

#### Handling

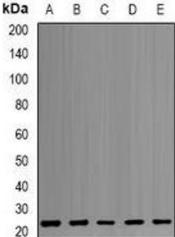
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

#### **Images**



#### **Immunohistochemistry**

**Image 1.** Immunohistochemical analysis of PSMB1 staining in mouse heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the a



## В C D E

#### **Western Blotting**

Image 2. Western blot analysis of PSMB1 expression in MCF7 (A), HepG2 (B), K562 (C), PC3 (D), mouse liver (E) whole cell lysates.

#### **Immunofluorescence**

Image 3. Immunofluorescent analysis of PSMB1 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody