

Datasheet for ABIN7306292

anti-PSMB10 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PSMB10
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMB10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human PSMB10
Specificity:	Recognizes endogenous levels of PSMB10 protein.
Characteristics:	Rabbit polyclonal antibody to PSMB10
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	PSMB10
Alternative Name:	PSMB10 (PSMB10 Products)
Background:	LMP10, MECL1, Proteasome subunit beta type-10, Low molecular mass protein 10, Macropain subunit MECL-1, Multicatalytic endopeptidase complex subunit MECL-1, Proteasome MECL-1, Proteasome subunit beta-2i

Target Details

Gene ID:	5699, 19171, 291983
UniProt:	P40306 , O35955 , Q4KM35
Pathways:	Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA

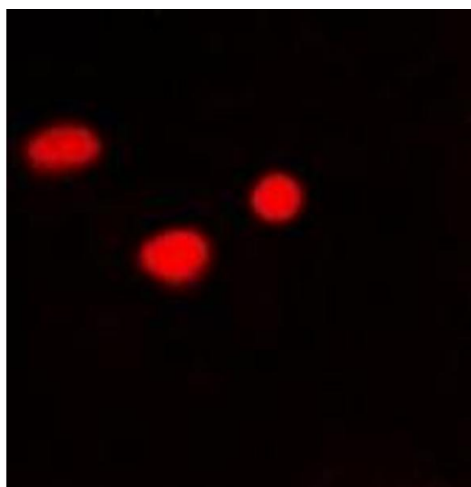
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)
Restrictions:	For Research Use only

Handling

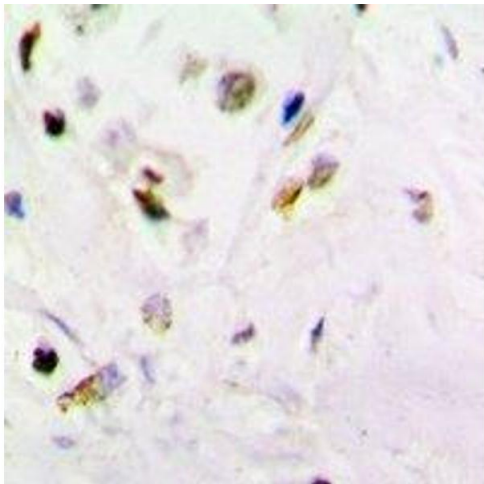
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-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

Validation report #101371 for Immunofluorescence (IF)



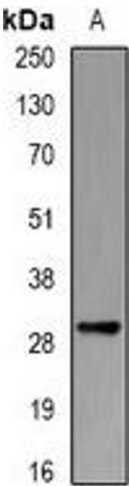
Immunofluorescence

Image 1. Immunofluorescent analysis of PSMB10 staining in Hela 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



Immunohistochemistry

Image 2. Immunohistochemical analysis of PSMB10 staining in mouse brain 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



Western Blotting

Image 3. Western blot analysis of PSMB10 expression in THP1 (A) whole cell lysates.