

Datasheet for ABIN4913312

**anti-PSMA5 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PSMA5
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PSMA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Purified His-tagged PSMA5 protein(Fragment) was used to produced this monoclonal antibody.
Clone:	6T1
Isotype:	IgG1
Cross-Reactivity:	Human, Rat
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

## Target Details

Target:	PSMA5
Alternative Name:	PSMA5 ( <a href="#">PSMA5 Products</a> )

## Target Details

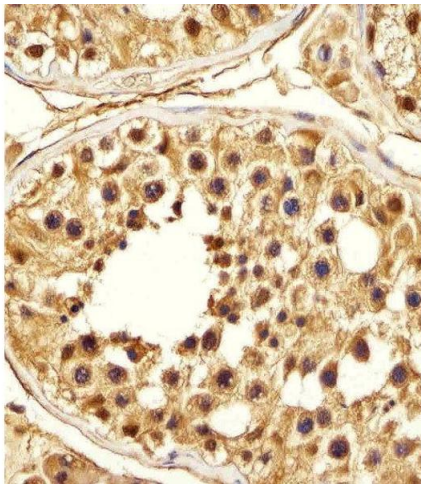
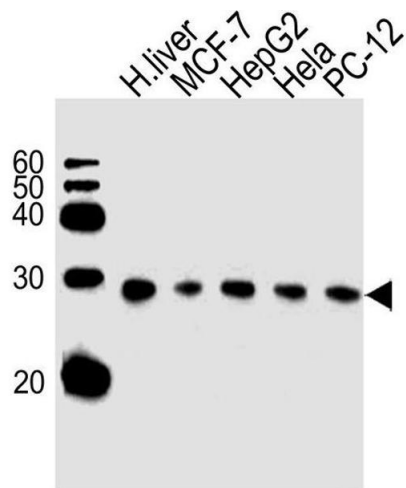
Background:	Synonyms: PSC5, ZETA, Proteasome subunit alpha type-5, Macropain zeta chain, Multicatalytic endopeptidase complex zeta chain, Proteasome zeta chain, PSMA5  Background: The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH . The proteasome has an ATP-dependent proteolytic activity.
Gene ID:	5686
UniProt:	<a href="#">P28066</a>
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a>

## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF()
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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 for 12 months.
Expiry Date:	12 months



### Western Blotting

**Image 1.** Lane 1: Human Liver Lysates, Lane 2: MCF-7 Cell Lysates, Lane 3: HepG2 Cell Lysates, Lane 4: HeLa Cell Lysates, Lane 5: PC-12 Cell Lysates, probed with PSMA5 (426CT8.5.1) Monoclonal Antibody, unconjugated (bsm-51389M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Paraformaldehyde-fixed, paraffin embedded human testis tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with PSMA5 (426CT8.5.1) Monoclonal Antibody (bsm-51389M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.