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Datasheet for ABIN1402222  
**anti-PSMA2 antibody (Alexa Fluor 488)**

### Overview

Quantity:	100 µL
Target:	PSMA2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMA2 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Proteasome 20S alpha 2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	PSMA2
Abstract:	<a href="#">PSMA2 Products</a>
Background:	Synonyms: 20S Proteasome 2, HC3, Macropain subunit C3, MU antibody Multicatalytic endopeptidase complex subunit C3, PMSA2, Proteasome prosome macropain subunit alpha type 2, Proteasome alpha 2 subunit, Proteasome component C3, Proteasome subunit alpha type 2, Proteasome subunit alpha type-2, Proteasome subunit HC3, PSC2, PSC3, PSMA 2,

## Target Details

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psmA2, PSA2\_HUMAN.

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. PSMA2 may have a potential regulatory effect on another component(s) of the proteasome complex through tyrosine phosphorylation.

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Gene ID: 5683

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Synthesis of DNA](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

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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.

Expiry Date: 12 months