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Datasheet for ABIN1402260  
**anti-PSMB3 antibody (Alexa Fluor 647)**

### Overview

Quantity:	100 µL
Target:	PSMB3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMB3 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Proteasome 20S beta 3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	PSMB3
Abstract:	<a href="#">PSMB3 Products</a>
Background:	Synonyms: 20S Proteasome _3, C10 II, HC10 II, proteasome prosome, macropain subunit, beta type 3, Proteasome beta 3 subunit, Proteasome chain 13, proteasome component C10 II, Proteasome theta chain, PSMB3. Background: The proteasome is a multicatalytic proteinase complex with a highly ordered ring

## Target Details

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shaped 20S core structure. The core structure is composed of 4 rings of 28 non identical subunits, 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin dependent process in a non lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides.

Gene ID: 5684

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

## 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