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Datasheet for ABIN1402258 **anti-PSMB3 antibody (Alexa Fluor 488)**

Overview

Quantity:	100 µL
Target:	PSMB3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMB3 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 beta 3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PSMB3
Abstract:	PSMB3 Products
Background:	<p>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.</p> <p>Background: The proteasome is a multicatalytic proteinase complex with a highly ordered ring</p>

Target Details

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

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

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