

Immunotag™ PSMD4 Antibody

Antibody Specification	
Catalog No.	ITA6289
Product Description	Immunotag™ PSMD4 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PSMD4
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PSMD4
Specificity	PSMD4 Antibody detects endogenous levels of total PSMD4
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PSMD4
Accession No.	P55036

Antibody Specification

Alternate Names	26S protease subunit S5a; 26S proteasome non ATPase regulatory subunit 4; 26S proteasome non-ATPase regulatory subunit 4; 26S proteasome regulatory subunit rpn10; 26S proteasome regulatory subunit S5A; AF 1; AF; AF1; Angiocidin; Antisecretory factor 1; ASF; DS5a; MCB 1; MCB1; Multiubiquitin chain binding protein; Multiubiquitin chain-binding protein; OTTHUMP00000059963; Prosome macropain; Proteasome (prosome macropain) 26S subunit non ATPase 4; Proteasome 26S non ATPase subunit 4; Proteasome 26S subunit non ATPase 4; PSMD 4; Psmd4; PSMD4_HUMAN; pUB R5; pUBR5; Rpn 10; Rpn10; RPN10 homolog; S5A; S5a/antisecretory factor protein;
Description	Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair. PSMD4 acts as an ubiquitin receptor subunit through ubiquitin-interacting motifs and selects ubiquitin-conjugates for destruction. Displays a preferred selectivity for longer polyubiquitin chains.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	41kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.