

# Immunotag™ PSMD12 Antibody

Antibody Specification	
Catalog No.	ITA4525
Product Description	Immunotag™ PSMD12 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	PSMD12
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	PSMD12 Antibody detects endogenous levels of total PSMD12
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	PSMD12
Accession No.	O00232
Alternate Names	26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit p55; 26S proteasome regulatory subunit RPN5; MGC75406; p55; proteasome (prosome, macropain) 26S subunit, non ATPase12; Proteasome 26S non ATPase subunit 12 isoform 2; PSD12_HUMAN; PSMD12; Rpn5;

## Antibody Specification

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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	50 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.