G-Biosciences Image not found or type unknown

Immunotag™ PSMA6 Antibody

Antibody Specification

Catalog No.	ITA6988
Product Description	Immunotag™ PSMA6 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	PSMA6
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 PSMA6
Specificity	PSMA6 Antibody detects endogenous levels of total PSMA6
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	PSMA6
Accession No.	P60900
Alternate Names	27 kDa prosomal protein; IOTA; Macropain iota chain; Macropain subunit iota; MGC22756; MGC2333; MGC23846; Multicatalytic endopeptidase complex iota chain; p27K; PROS 27; PROS-27; PROS27; Prosomal P27K protein; Proteasome (prosome macropain) subunit alpha type 6; Proteasome iota chain; Proteasome subunit alpha type 6; Proteasome subunit alpha type-6; Proteasome subunit iota; PSA6_HUMAN; PSMA 6; PSMA6;

Antibody Specification

Description	Component of the 20S core proteasome complex involved in the proteolytic degradation of most intracellular proteins. This complex plays numerous essential roles within the cell by associating with different regulatory particles. Associated with two 19S regulatory particles, forms the 26S proteasome and thus participates in the ATP-dependent degradation of ubiquitinated proteins. The 26S proteasome plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins that could impair cellular functions, and by removing proteins whose functions are no longer required. Associated with the PA200 or PA28, the 20S proteasome mediates ubiquitin-independent protein degradation. This type of proteolysis is required in several pathways including spermatogenesis (20S-PA200 complex) or generation of a subset of MHC class I-presented antigenic peptides (20S-PA28 complex).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	27kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.