

32-6018: Mouse Anti Human 26S proteasome non-ATPase regulatory subunit 11(Clone: PAT1F4AT.)

Clonality :	Monoclonal
Clone Name :	PAT1F4AT.
Application :	ELISA, WB
Gene :	PSMD11
Gene ID :	5717
Uniprot ID :	O00231
Format :	Purified
Alternative Name :	26S proteasome non-ATPase regulatory subunit 11, 26S proteasome regulatory subunit S9, 26S proteasome regulatory subunit RPN6, 26S proteasome regulatory subunit p44.5, PSMD11, S9, Rpn6, p44.5, MGC3844.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human PSMD11 mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human PSMD11 amino acids 1-422 purified from E. coli.

Description

The 26S proteasome is a multicatalytic proteinase complex with a well ordered structure composed of two complexes- a 20S core and a 19S regulator. PSMD11 is a non-ATPase subunit of the 19S regulator. The 20S core is composed of four rings of 28 non-identical subunits; two rings are composed of 7 alpha subunits and two rings are composed of 7 beta subunits. The 19S regulator is composed of a base that contains six ATPase subunits and two non-ATPase subunits, and a lid that contains up to ten non-ATPase subunits. Proteasomes are spread throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An indispensable function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides.

Product Info

Amount :	20 µg
Purification :	PSMD11 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

PSMD11 antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:250 ~ 1000. Recommended starting dilution is 1:250.