## **PRODUCT INFORMATION**

Catalog number ATGA0153

Clone No. AT1F4

**Product type** Monoclonal Antibody

**UnitProt No.** 000231

NCBI Accession No. NP\_002806

Alternative Names proteasome (prosome, macropain) 26S subunit non-ATPase 11, S9, p44.5, MGC3844, Rpn6

## **PRODUCT SPECIFICATION**

Antibody Host Mouse

Reacts With Human

Concentration 1mg/ml (determined by BCA assay)

## Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

#### Immunogen

Recombinant human PSMD11 (1-422aa) purified from E. coli

# Isotype

lgG1 kappa

**Purification Note** By protein-G affinity chromatography

## Application

ELISA, WB

## Usage

The 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.

#### Storage

For research use only. This product is not intended or approved for human, diagnostics or veterinary use. Website: www.nkmaxbio.com email: supportbio@nkmax.com



NKMAXBiO We support you, we believe in your research Human PSMD11 antibody Catalog Number: ATGA0153

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

### BACKGROUND

#### Description

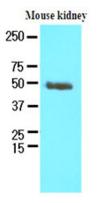
PSMD11 (Proteasome 26S non-ATPase subunit 11), also known as S9, Rpn6 or p44. 5, has multi-subunit protease complexes consisting of 20S subunits composed of four seven-numbered rings with two outer rings containing alpha subunits and two central rings composed of beta subunits, and 19S caps of 6 ATPase and 11 non-ATPase subunits. PSMD11 is the main proteolytic enzyme that functions in ATP-dependent degradation of ubiquitinated proteins.

#### **General References**

Sato Y, et al., (2009) Biochem Biophys Res Commun. 378(4):795-8. Shibahara T, et al., (2002) Eur J Biochem. 269(5):1474-83.

#### DATA

#### Western blot analysis (WB)



The tissue lysate of mouse kidney (60ug) was resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human PSMD11 (1:250). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system

