

PSMD11 (AB2403) mouse mAb

W0443

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- WB; IF; ELISA

MW

- 47 kDa (calculated)
- 47 kDa (observed)

Isotype

- IgG3, kappa

Recommended Dilution Ratios

Application

WB; IF; ELISA

Dilution

WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB2403

Immunogen A synthetic peptide corresponding to the amino acid region 250 - 350 of the human PSMD11 protein.

Specificity This antibody detects endogenous levels of PSMD11.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name PSMD11

Protein Name PSMD11

Database Link	Organism	Swiss Prot.	Gene ID
	Human	O00231	5717

Background

The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. This gene encodes a member of the proteasome subunit S9 family that functions as a non-ATPase subunit of the 19S regulator and is phosphorylated by AMP-activated protein kinase. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq,

W0443-V.2-EN



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