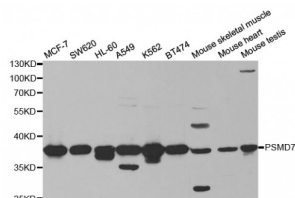


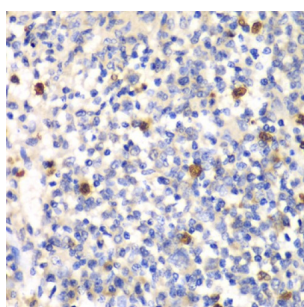
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Proteasome 26S Subunit, Non ATPase 7 (PSMD7) Antibody

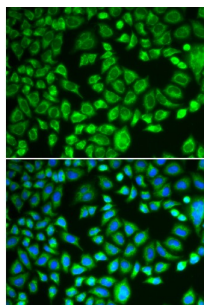
Catalogue No.: abx004097



Western blot analysis of extracts of various cell lines, using PSMD7 antibody (abx004097) at 1/1000 dilution.



Immunohistochemistry of paraffin-embedded mouse spleen using PSMD7 antibody (abx004097) at dilution of 1/100 (40x lens).



Immunofluorescence analysis of MCF-7 cells using PSMD7 antibody (abx004097). Blue: DAPI for nuclear staining.

PSMD7 Antibody is a Rabbit Polyclonal antibody against PSMD7. 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. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 17.

Target: PSMD7

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

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Tested Applications: WB, IHC, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human PSMD7.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 37 kDa
Observed MW: 38 kDa

Swiss Prot: [P51665](#)

GeneID: [5713](#)

Gene Symbol: PSMD7

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.